ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID IV1Y487-Z0109083116

Truss Fabricator Anderson Truss Company

Job Identification 13-288--Premier Building /Becker Res Roof -- 337 sw rose circle

Truss Count 2

Model Code Florida Building Code 2010

Truss Criteria FBC2010Com/TPI-2007(STD)

Engineering Software Alpine Software, Version 12.03.

Structural Engineer of Record The identity of the structural EOR did not exist as of

Address the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads Roof - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

Notes

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TP1 1

The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Details: BRCLBSUB-12015EC1-GBLLETIN-GABRST10-12030EC1-CNNAILSP-

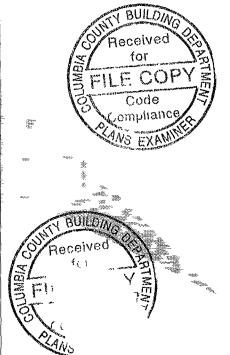
	#	Ref	Description	Drawing#	Date
	1	31211	A 20' Common	13343001	12/09/13
	2	31212	AGE 20' Gable	13343002	12/09/13
	3		B 19'4" Common	13343003	12/09/13
1	4	31214	BGE 19'4" Gable	13343004	12/09/13
	- 5	31215	C1 19' Common	13343005	12/09/13
			C2 19¹ Common	13343006	12/09/13
	7	31217	-C3 19' Common Gi	13343007	12/09/13
1	8	31218	CGE 10' Gable	13343008	12/09/13
	9_	31219	CGE1 191 Gable	13343009	12/09/13
	10	31220	CJ1 1' Jack	13343010	12/09/13
	11		CJ3 31 Jack	13343011	12/09/13
3	12		CJ5 5' End Jack	13343012	12/09/13
	13		D 31'8" Common	13343013	12/09/13
ĺ	14	31224	-D1 20'4" Common	13343014	12/09/13
	15	31225	DGE 31'8" Gable	13343015	12/09/13
	16	31226	-E1 27'6" Special	13343016	12/09/13
1	17	31227	E2 28' Mono	13343017	12/09/13
	18	31228	E3 28' Mono	13343018	12/09/13
	19	31229	E4 28' Mono Hip	13343019	12/09/13
	20	31230	EJ7 7' End Jack	13343020	12/09/13
	21	31231	-H11 27'6" Stepdo	13343021	12/09/13
	22	31232	-H11A 28' Mono Hi	13343022	12/09/13
	23		-H13 27'6" Stepdo	13343023	12/09/13
	24	31234	-H13A 28' Mono Hī	13343024	12/09/13
	25	31235	-H7 27'4" Stepdow	13343025	12/09/13
	26		-H9 27'6" Stepdow		12/09/13
	27	31237	-HJ7 9'10"13 Hip	13343027	12/09/13
	28	31238	-MH7 28' Mono Hip	13343028	12/09/13
	29	31239	-MH9 28' Mono Hip	13343029	12/09/13

Pek drive take Cicy 187 su rose

12/09/2013

William H Krick
-Truss Design Engineer-

1950 Marley Drive Haines City, FL 33844



(13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, -A 20 Common

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

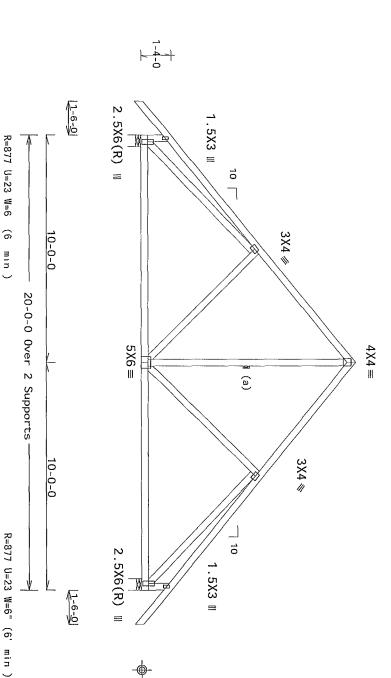
Lumber grades designated with "13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

(a) Continuous lateral restraint equally spaced on member

120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 II, EXP B, wind T TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load factor for dead load is  $1\ 50$ Creep increase desıgn



\*\* IMPORTANT \*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS BC LL BC DL TC DL C TOT.LD

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE PLT TYP

Wave

RL=185/-185

Design Crit. FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

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QTY:10 FL/-/4/-/-/R/-

Scale = 25"/Ft R9114- 31211

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DATE REF

12/09/13

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DRW HCUSR9114 13343001

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HC-ENG WHK/WHK

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Trusses require extreme ears in fabricating handling shipping intail ing and bracing follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) practices prior to performing these functions. Installiors shall provide temporary bracing lulices noted otherwise top chord shall have properly attached the trust of the shall have a properly attached rigide or ing Locations shown for permanent lateral restrictions.

ITW But id ng Components Group Inc. (ITWBCD) shall not be respons to 8 for any day as on any fa lure to but id the trues in conformance with MSI/TPI 1 or for handling shipping bearing of truesses Apply plates to each face of trues and positions shown above and to bear is unless noted betterwise. Befor to drawings 160A-2 for standard plate positions drawing or cover page 11st ng this drawing indicates acceptance of profess and leng name responsibility solely for the design shown. The suitable 15 yand use of this design for a the responsibility of the Building Designer per ARSI/TPI 1 Sec. 2. For more informations.

CARE 12/09/2013

DUR.FAC

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FROM SEQN-

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SPACING

24 0"

JREF- 1V1Y487\_Z01

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP #1-13B (13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 DL=5 0 psf GCpi(+/-)=0 18 AGE 20' Gable) bidg, Locate 5 psf, wind Located , wind BC

Stack Chord SC2 2x4 SP #1-13B

design Wind loads and reactions based on MWFRS with additional C&C member

Gable end supports 8" max rake overhang

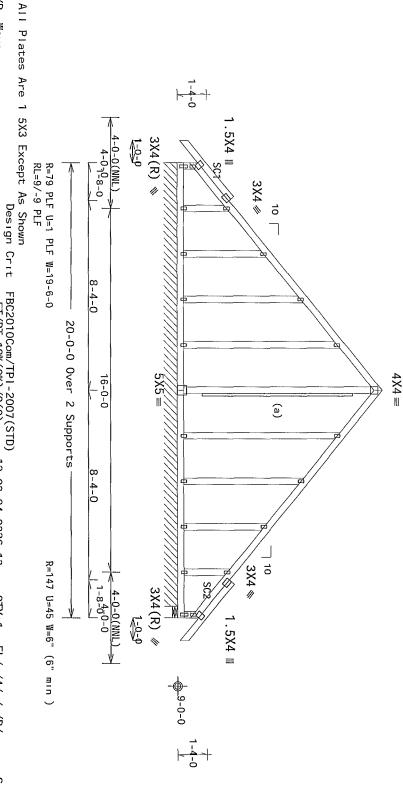
Stacked top chord must NOT be notched or cut in area (NNL) Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24' o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area using 3x6

Fasten rated sheathing to one face of this frame

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

(a) 1x4 #3SRB SPF-S or better "L" brace 80% length of web member Attach with 8d Box or Gun (0 113"x2 5 ,min )nails @ 6" OC

See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more Lumber grades designated with "13B' use design values approved 1/30/2013 by ALSC



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Note

ΤYΡ Wave Trusses require extreme care on fabricating handing shipping instiling and bracing Rej follow the latest edition of BCSI (Building Component Sefety Information by TPI and NTCA) representes prior to performing these functions. Installers shall provide temporary bracing pulliness noted otherwise top chord shall have properly attached in glocal consistent for permanent lateral restricts shall have a properly attached in glocal consistent consistent for permanent lateral restricts shall have a properly attached in GLOSI sections 83 87 or 810 as applicable. \* IMPORTANT \* \* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) Y I 03,04,0326 <del>1</del>3 QTY:1 BC LL BC DL TC DL TC LL FL/-/4/-/-/R/-20 0 10.0 PSF 7.0 PSF 0 0 PSF PSF DATE REF R9114- 31212 HC-ENG WHK/WHK DRW HCUSR9114 13343002 Scale = 25"/Ft.

I'W Building Components Group inc. (I'WBCC) shall not be respons ble for any deviation for the brain of the build the trusts in conformance with MSL/IPP 1 or for handing above and on the brain of trusters. Apply plates to each face of trust and position as shown above and on the brain of trusters. Apply plates to each face of trust and position as shown above and on the brain of the trusters bit by of the brain of the

WONAL STEERING 12/09/2013

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SPACING 24.0" FROM JREF-

1V1Y487

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Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Lumber grades designated with "13B 1/30/2013 by ALSC use design values approved 337 sw rose creek drive Lake City, Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

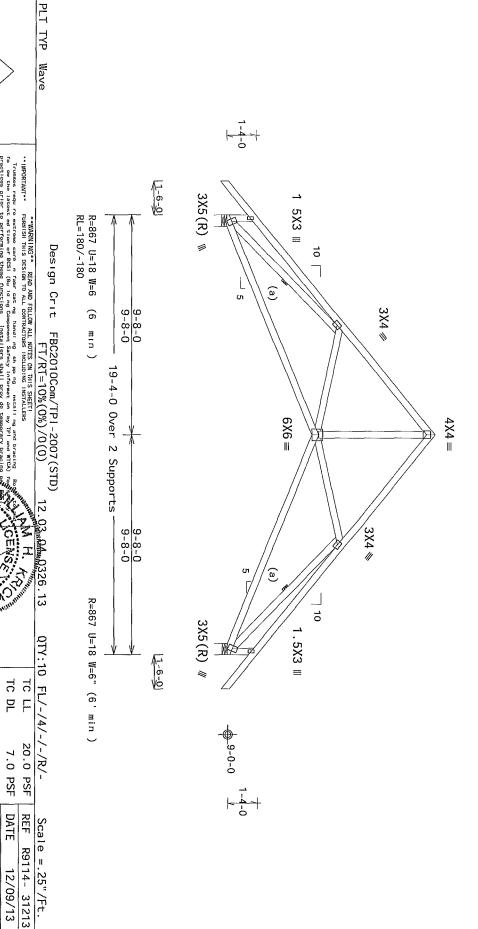
(13-288--Premier Building

/Becker Res Roof --

(a) Continuous lateral restraint equally spaced on member Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ 

Creep increase

design



ITŴ Building Components Group

Details unless noted otherwise References on the was References on the street of the design should be respons bility solely for the design should be respons bility of the solution.

I'W But it in Gomponents Group inc. (I'WBGQ) shall inct be respons be for any daw attention any failure to suited the trues in conformance with MSE/ITPI 1 or for handling, shipping brace for cruss and post to as shown above and on the brace for fire the state of trues and post to as shown above and on the brace for the state of the state of

12/09/2013

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DRW HCUSR9114 13343003

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Trusses require extreme care in fabricating banding shipping mixaling and bracking for our the latest extreme care in fabricating phonoment Safety Information by Till and WICh) for practices prior to performing these functions. Installers shall provide temporary bracing populations onced otherwise top chord shall have properly attached structured is shall have a properly attached rigid certified. Locations shown for permanent lateral restricts shall have a properly attached rigid certified.

**ALPINE** 

Orlando FL, 32837 FL COA #0 278

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER BGE 19 4' Gable)

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP PLT TYP Wave See DWGS A12015ENC100212, GBLLETIN0212, & GABRST100212 for more (a) 1x4 #3SRB SPF-S or better "L" brace 80% length of web member Attach with 8d Box or Gun (0 113"x2 5",min )nails @ 6" 0C  $_{\rm 4}$ Lumber grades designated with "13B' 1/30/2013 by ALSC ITW Building Components Group Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is  $1\ 50$ (13-288--Premier Building All Plates ALPINE 1-0-d 4-0-0(NNL) Are 1 5X3 Except As Shown R=80 PLF U=1 RL=9/-9 PLF 2-0-0 #1-13B ITME but laining Components Group Inc. (ITME)
any failure to but the trust in conformatrace is unless accordancy with an accordance
Detail of unless accordancy with a section of
drawing response proper laying this drawing
response bit yearley for the duting Does goo
general necess page ITM-BCG with itables or
its way its best of the conformation of the conformat 3X4 *⋈* /Becker Res Roof --Trusses require extreme care in fabricating handling shipping installing and bracing Ref follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing peging the component safety of the provide temporary bracing peging the provide safety bracing peging the provide safety bracing peging the provided safety and become the provided safety and the provided safe \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Stack Chord PLF W=18-10-0 use design values approved Design Crit SC2 7-8-0 337 sw 70 2x4 SP rose FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 19-4-0 Over 2 Supports creek drive Lake City, 5X5 ≡ 4X4 ≡ (a) Stacked top chord must NOT be notched or cut in area (NNL) Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area using 3x6 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 Gable end supports 8" max rake overhang Wind loads and reactions based on MWFRS with additional C&C member Fasten rated sheathing to one face of this frame 10 SIGNAL ENGLAND 3X4 ∥ R=138 U=47 W=6" (6' min ) 2/09/2013 4-0-0(NNL) 4-0-0 2-0-0 n hgt, ASCE 7-10, .5X4 Ⅲ 3X4(R) ∥ 1-0-4 BC DL SPACING BC LL DUR.FAC. TC DL TC LL TOT.LD FL/-/4/-/-/R/-CLOSED bldg, Located TC DL=3 5 psf, wind BC 37.0 10.0 PSF 24.0" 1.25 20.0 PSF 0.0 PSF 7.0 PSF PSF DATE REF DRW HCUSR9114 13343004 FROM HC-ENG SEQN-JREF- 1V1Y487\_Z01 Scale = .3125"/Ft R9114- 31214 PIK/PIK 336029 12/09/13

PLT TYP Wave Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ Lumber grades designated with "13B" use design values approved  $1/30/2013\ by\ ALSC$ Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B ITM Building Components Group (13-288--Premier Building Orlando FL, 32837 FL COA #0 278 ALPINE €1-6-0¥ 2X4(A1) =R=822 U=100 W=6 RL=143/-143 MД /Becker Res Roof -- 337 sw rose creek drive Lake City, -Trusses require extreme ears in fabr casting handling shipping installing and bracing Ref follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing page functions the provided statement of the provided statement shall shall have properly statement go do compared to the provided shall have a properly statement go do colling. Locations shown for permanent lateral restraints shall have a properly statement go do colling. · IMPORTANT \* \* ω \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 6" Design Crit min 9 - 6 - 05X3 ∥ FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 19-0-0 Over 2 Supports 5X6≡ 4X4 =Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 22 37 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCp1(+/-)=0 18 design C1 19' Common) RENKER. 1.5X3 ₡ 2/09/2013 9-6-0 l hgt, ASCE 7-10, CLOSED bldg, Located II, EXP B, wind TC DL=3 5 psf, wind BC 0TY:1 BC DL SPACING BC LL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/ω R=822 U=100 W=6" 37 0 24.0" 1.25 10.0 PSF 20 0 PSF 7.0 PSF 0.0 PSF 2X4(A1) =PSF **€1-6-0** DATE FROM SEQN-DRW HCUSR9114 13343005 JREF- 1V1Y487\_Z01 HC-ENG WHK/WHK REF R9114- 31215 Scale =.375"/Ft. (6" min ) 336059 12/09/13

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B PLT TYP Deflection meets L/240 live and L/180 total load factor for dead load is 1.50  $\,$ Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ (13-288--Premier Building ITW Building Components Group Orlando FL, 32837 FL COA #0 278 **ALPINE** Wave K1-6-0₽ 2X4(A1) =R=827 U=102 W=6" RL=121/-130 /Becker Res Roof --Details unless noted otherwise Refer to drawing or cover page listing this drawing respons bit ty solely for the dos gn shown the respons bil ty of the Building Des gner Trusses roquire extreme care in fabricating handling shipping installing and bracing Ref foliow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installiers shall provide temporary bracing page links and properly attached shall have properly attached structural sheathing and bottom shall have a properly attached rigid to fing Locations shall have a progressive trips. ITW Building Components Group Inc (ITWBCG) shall not be respany failure to build the truss in conformance with ANSI/TPI 7 \*\* IMPORTANT \*\* ω \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Apply plates to each (6" mın Design Crit 337 sw rose creek drive Lake City, 1 5X3 // 9-6-0 Creep increase FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 19-0-0 Over 2 Supports 4X4 =5X6 = 120 mph wind, 22 37 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member design C2 19 Common CINEER ... 1.5X3 ø 9-6-0 2/09/2013 QTY:1 BC DL SPACING TC DL TC LL DUR. FAC. TOT.LD. FL/-/4/-, 00 R=725 U=77 ₩=6" CLOSED bldg, not located EXP B, wind TC DL=3 5 ps /-/R/-37.0 PSF 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF 2X4(A1) =SEQN-DATE FROM HC-ENG WHK/WHK DRW HCUSR9114 13343006 REF R9114- 31216 JREF- 1V1Y487\_Z01 Scale = .375"/Ft. (6" min ) psf 336049 12/09/13

Top chord 2x4 SP N Bot chord 2x6 SP S Webs 2x4 SP # PLT TYP Wave ITW Building Components Group Special loads Lumber grades designated with "13B" 1/30/2013 by ALSC (13-288--Premier Building Orlando FL, 32837 FL COA #0 278 From 2317 From From From From From (Lumber ALPINE 52 96 77 Dur Fac =1 25 / 57 plf at -1 50 28 plf at -7 06 57 plf at 9 50 57 plf at 1 9 50 20 plf at 0 00 20 plf at 1 0 00 10 plf at 1 0 00 10 conc Load a lb Conc Load K1-6-0√ M-30 SS-13B #3-13B 2 5X8(A5R) = RL=121/-130 R=3868 U=540 I'W Building Components Group Inc (17MBCO) shall not be responsible for the state of the private in conformance with AMS//FP 1 or braining of the state of the private in conformance with AMS//FP 1 or braining of the state of the private in the state of ₩4, Trusses require extreme care in fabr catting handling shipping installing and bracing Ref follow the latest edition of BCSI (shilling desponent Servey information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per lines and otherwise top chord shall have properly attached structural sheathing and bettog shall have a properly attached rigid or e. Ing. Locat ons shown for permanent lateral restrains shall have a properly attached rigid or e. Ing. Locat ons shown for permanent lateral restrains shall have bracing installed per BCSI sections B3 B7 or B10 as applicable. 000 500 000 500 000 500 \* IMPORTANT\*\* /Becker Res 1 at 9 1 at 11 5 ţ 5 6 6 4 Plate ţ 2×4 57 pl 58 pl 58 pl 57 p 5 p 20 r 10 7 06 9 06 1 06,13 06,15 ω \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS ₩-6" SP use design values approved 1.5X3 7 plf at 7 plf at 6 p Roof #2-13B 6 Design Crit 5 =1 25)
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H 10 00 I 06,17 06 337 sw rose creek drive Lake City, 9-6-0 3X7 ø 3X4 ₪ FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 19-0-0 Over 2 Supports 5X6 = 120 mph wind, 22 37 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, 4X6(R) Ⅲ wind BC DL=5 0 psf GCpi(+/-)=0 18 4X4 ≡ 3 Wind loads and reactions based on MWFRS 4X4(R) Use equal spacing between rows and stagger nails in each row to avoid splitting Nail Schedule 0 131"x3", min Top Chord 1 Row @12 00" o c Bot Chord 1 Row @ 3 75" o c Webs 1 Row @ 4" o c THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR C3 19 Common Girder) Seflection meets L/240 live and L/180 total load factor2fgXgead load is 150 COMPLETE CONTER 3X5 =**TRUSSES** 9-6-0 QTY:1 nails 3X4 ∕/ REQUIRED 3X4 III BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/ ω R=5167 U=467 W=6" CLOSED bldg, EXP B, wind 37.0 3X10(B3) 10.0 PSF 20.0 PSF 1.25 0.0 PSF 7.0 PSF PSF Creep increase Ш TC DL=3 5 ps FROM SEQN-REF DATE HC-ENG WHK/WHK DRW HCUSR9114 13343007 Scale = .375"/Ft. <del>\_</del> 19-4-0 (6" mın ) R9114- 31217 336338 12/09/13

2/09/2013

SPACING

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(13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, CGE 10 Gable)

Top chord 2x4 SP #1-138 Bot chord 2x4 SP #1-138 Webs 2x4 SP #3-138 Stack Chord SC1 2x4 SP #1-13B Stack Chord SC2 2x4 SP #1-13B

Lumber grades designated 1/30/2013 by ALSC with "13B" use design values approved

See DWGS A12030ENC100212, GBLLETIN0212, & GABRST100212 for more requirements

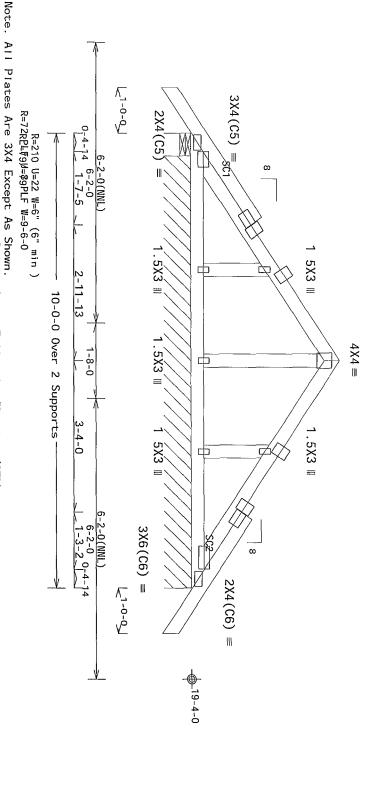
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

> 120 mph wind, 20 86 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 hgt, ASCE 7-10, II, EXP B, wind TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member

Gable end supports 8" max rake overhang design

Stacked top chord must NOT be notched or cut in area (NNL) Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24' o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area using 3x6



ΤYΡ

Wave

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

QTY : 1

FL/-/4/-/-/R/-

20.0 PSF 7.0 PSF

REF R9114- 31218

Scale =.5"/Ft.

TC DL TC LL

DATE

12/09/13

10.0 PSF

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HC-ENG WHK/WHK

DRW HCUSR9114 13343008

Trusses require extreme care in fabricating handing shipping installing and pracing Ret follow the latest edition of BCSI (Bull of Gomponent Safety Information by TPI and WTCA) fook pract cass prior to performing these functions. Installers shall provide temporary bracing page functions noted otherwise top chord shall have properly attached structural sheathing and botted shall have a properly attached rigid celling Locations shall have a properly attached rigid celling. VCE

ITW But it in groupments Group inc. (ITWBG), shall not be responsible for any deviat on friendly deviate on friendly deviate on the state of the sta ITW-BCG

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ITM Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278

CANEER ... 1<u>2/09/2</u>013 BC LL BC DL DUR.FAC. SPACING TOT.LD

> 1.25 37.0 PSF

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1V1Y487\_ 

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\$ perpendicular to chord length. Splice top chord in notchable area using 3x6to dropped top chord in notchable area using 3x4 tie-plates 24 o c Center plate on stacked/dropped chord interface plate length Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP Note. Lumber grades designated with "13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ requirements See DWGS A12030ENC100212, GBLLETIN0212, & GABRST100212 for more (13-288--Premier Building ITW Building Components Group ΤYΡ Orlando FL, 32837 FL COA #0 278 All Plates ALPINE Wave 1-0-9-6-0 2X4 (C5) 3X4 (C5) 0-4-14-3-2 Are R=459 U=47 W=6" ( RL=&945128BF U=40 M 3X4 Except As Shown #1-13B Ш /Becker Res Roof --I'W Building Components Group Inc (I'WBCC) shall not be responsible for any deviat on frequent of the large of trusts in conformance with MSI/IPI I or for handling shipping in braining of trustees. Apply plates to each free of trusts and position as shown above and the braining of trustees. Apply plates to each free of trusts and position as shown above and the braining and position as shown above and the braining this unless anced otherwise. Before to drawing 180A-2 for professions on going or own and the profession of the braining this drawing indicates acceptance of professions on going or cover page 11sting this drawing indicates acceptance of professions on going responsibility so locally for the design for more indicated acceptance of the design for more than the profession of the design for more professions believed to the design for more professions believed to the design for more professions and the professions of the design for more professions and the professions are professionally for the design for more professions. Trusses require extreme care in fabr cating handing shipping installing and bracing Ref follow the latest edition of BCS1 (Building Component Safety Information by TPI and WFCN) for practices prior to performing these functions. Installers shall provide temporary bracing per luniess noted otherwise top chord shall have properly attached structural sheathing and better shall have a properly attached or gid colling. Locations shown for permanent lateral restalls there are properly attached or gid colling. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Stack Chord SC2 2x4 SP 4-0-0-(6" mın ) R=303 U=72 10 PLF W=4-0-0 1.5X3 Ⅲ Design Crit 9-6-0 337 sw rose creek drive Lake City, 1.5X3 Ⅲ 5X3 7-10-0 #1-13B FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) ₩=6 3X7 ø . 5X3 (6' mın 19-0-0 = 0ver 3X7 ≡ 9-0-0-4X4 ≡ 15-8-0 4 Supports Truss spaced at 24 0" OC designed to support 2-3-0 top chord outlookers Cladding load shall not exceed 10 00 PSF Top chord must not be cut or notched 120 mph wind, 22 36 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP B, wind DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member In lieu of structural panels use purlins to design Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ 1.5X3 3X8∥ NOENSE'S = R=360 PLF U=55 PLF W=5-0-0 PENER. 1.5X3 7-10-0 . 5X3 女 <u> 51,09/2013</u> QTY:1 . 5X3 Ⅲ 5-0-0-BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/ω 3X6(C6) 1-3-20-4-14 TC DL=3 5 psf, wind B brace 2X4 (C6) 37 0 1.25 20 0 PSF 24.0" 0.0 10.0 PSF 7 0 PSF Creep increase TC @ 11-0-0 PSF  $\parallel \parallel$ PSF Ш 24" DATE REF R9114- 31219 FROM HC-ENG DRW HCUSR9114 13343009 SEQN-JREF-Scale = .375"/Ft. <del>-</del>19-4-0 80 1V1Y487 MIK/WIK 12/09/13 336014 \_Z01

n hgt, ASCE 7-10, II, EXP B, wind l

, CLOSED TC DL=3

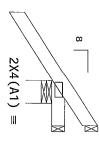
bldg, Located 5 psf, wind BC

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B (13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, 120 mph wind, 19 54 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCp:(+/-)=0 18 CJ1 1 Jack)

DL=5
Lumber grades designated with '13B" use design values approved
1/30/2013 by ALSC
.ind

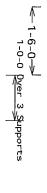
Wind loads and reactions based on MWFRS with additional C&C member design

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1 50  $\,$ 



R=-53 Rw=22  $\psi = 637$  (15" min)

R=-12 Rw=13 U=10 (¶ 5" min )



R=234 U=41 W=6' (6' mın

Design Crit FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

QTY:6

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TC DL

7.0 PSF

DATE

12/09/13

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0.0 PSF

DRW HCUSR9114 13343010 HC-ENG WHK/WHK TC LL

20 0 PSF

REF R9114- 31220

Scale = 5"/Ft.

PLT TYP

Wave

ALPINE
ALPINE

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ALPINE

ITW Building Components Group Inc.

Orlando FL, 32837

FL COA #0 278

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40

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricating handling shiping installing and bracing Registration to the latest edit on of BCSI (Building Component Safety Installers stall provide temporary bracing page 12 practices in Installers shall provide temporary bracing page 12 practices in Installers shall provide temporary bracing page 12 practices in Installers shall provide temporary bracing page 12 practices in Installers shall provide temporary bracing page 12 practices in Installers shall provide temporary bracing page 12 practices in Installers and provide temporary shall have bracing installed per BCSI sections 83 87 or 810 as applicable.

I'll Building Components Group Inc. (ITMBCC) shall not be responsible for any day at on from shakes gn any failure to build the truss in conformance with ANSI/IPI 1 or for handing shipping in the brace no got trusses. Apply plates to each face of truss and position as shown above and on the Johnston to the state of the state of

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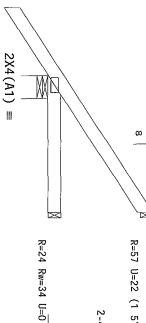
Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B (13-288--Premier Building /Becker Res Roof ! 337 WS rose creek drive Lake City CJ3 3 Jack)

120 mph wind, 20 20 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, wind CLOSED bldg, Located TC DL=3 5 psf, wind BC

Lumber grades designated with 1/30/2013 by ALSC "13B' use desi ign values approved

Wind loads and reactions based on MWFRS with additional C&C member design

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1 50 Creep increase



(1 5 min)



1-6-0→ <3 0 0 Over 3 Supports</p>

Design Crit R=243 U=21 W=6' (6" min RL=62/-31 FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALP I NE

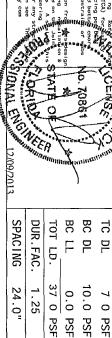
PLT TYP

Wave

·- IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabr cating handling shipping installing and bracing for follow the latest edition of BCSI (Building Component Safety Information by IPI and WIDA) for practices prior to performing these functions. Installars shall provide temporary bracing per library in the property attached structural sheathing and bottop with the property attached structural sheathing and bottop shall have a properly attached in a Location's shown for permanent lateral restral shall have a properly attached in a Location's shown for permanent lateral restral shall have a properly attached in a Location's shown for permanent lateral restral shall have a properly attached in a Location's shall have a properly attached in a Location's shall have a properly attached in a Location shall have a properly attached or BCSI sections B3 87 or B10 as applicable.

ITW Building Components Group inc (ITMBCD) shall not be respons be for any deviation from the first true to be for any deviation from the first true to be build the trues of conformance with MBS(ITM) 1 or for hand on as bying a bearing of trueses. Aboy places for concerning the first true from the first t



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DRW HCUSR9114 13343011

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Scale =.5"/Ft.

R9114- 31221

TC LL

20.0 PSF

DATE REF

12/09/13

creek drive Lake City

120 mph wind, 20 87 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bldg, EXP B, wind TC DL=3 5 psf,

Wind loads and reactions based on MWFRS with additional C&C member

Lumber grades designated with '13B" 1/30/2013 by ALSC use desi ign values Creep increase

Top chord 2x4 SP Bot chord 2x4 SP

#1-13B #1-13B

(13-288--Premier Building

/Becker

Res

Roof

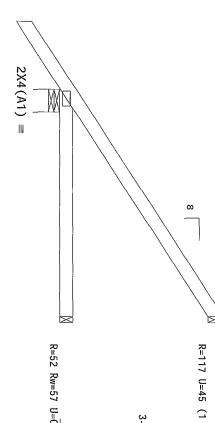
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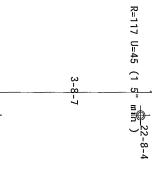
337

WS

rose

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is  $1.50\,$ 





R=52 Rw=57 U=0 7 (1 5 m/r



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

MPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TPI-2007 (STD) FT/RT=10%(0%)/0(0)

QTY:6

FL/-/4/-/-/R/-

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REF R9114- 31222

Scale =.5"/Ft

TC DL TC LL

7.0 PSF

DATE

12/09/13

10.0 PSF 0.0 PSF

DRW HCUSR9114 13343012

HC-ENG WHK/WHK

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336309

FROM

PLT TYP.

Wave

Trusses require extreme care in fabricating handing shipping instilling and bracing Rej follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) footpractices prior to performing these functions. Installers shall provide temporary bracing populations in the property attached structural shouthing and bottom limited in the property attached structural shouthing and bottom shall have a property attached for directing Location consistence for pormanent lateral restrates that have a property attached for directing Location consistence for pormanent lateral restrates that have a property attached for BCSI sections 83 B7 or B10 as applicable.

I'W Building Components Group Inc. (I'WBCC) shall not be responsible for any deviation fri any failure to build the truss in conformance with ANSI/TPI 1 or for handling an ping in bracing of trusses. Apply plates to each face of truss and position as shown above and on the Cerulis unless need otherwise. Refer to drawing is 160A-Z for standard plate passes in the Cerulis of the Marking or covering the standard gold and selections. And the major to the data gold shown. The suitability and use of this design for any the respons bity of the data gold shown. The suitability and use of this design for any the respons to I by solely for the data gold shown. The suitability and use of this design for any the respons to I by of the Building Designer par ANSI/TPI 1 Sec 2. For more information as goneral notes page ITM-BCG www. Itubesg.com. TPI www. tpinst.org. WICA www.scindustry.com.

TOWER . 2/09/2013 BC LT SPACING DUR. FAC. TOT LD.

24.0" 1.25 37.0 PSF

JREF- 1V1Y487\_Z01

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # #1-13B #1-13B #3-13B

(13-288--Premier Building

/Becker Res Roof --

337

WS

rose creek drive Lake City

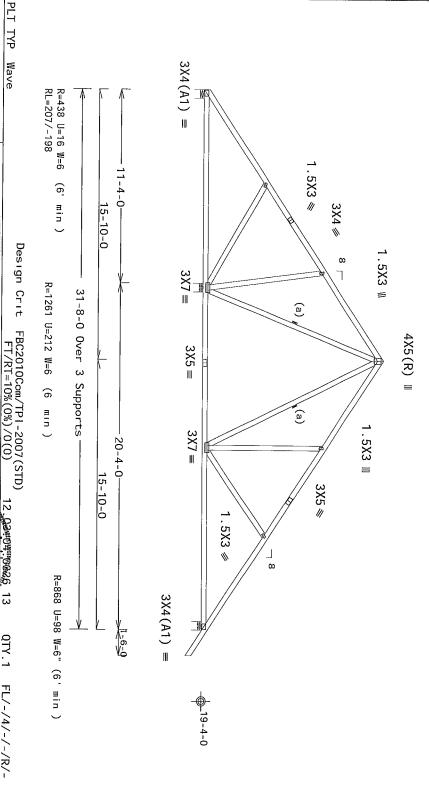
Lumber grades designated with 1/30/2013 by ALSC "13B' use design values approved

(a) Continuous lateral restraint equally spaced on member

120 mph wind, 24 48 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, wind , CLOSED TC DL=3 5 psf, Located , wind BC

design Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

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QTY . 1

FL/-/4/-/-/R/-

BC DL BC LL

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PSF

HC-ENG WHK/WHK DRW HCUSR9114 13343013 TC DL

7.0 PSF

DATE

12/09/13

TC LL

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PSF

REF

Scale = .1875"/Ft R9114- 31223

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Require follow the latest edition of BCSI (Building Component Safety Information by ITP) and WTC3) for practices prior to perform ing these functions. Installing shall provide temporary bracing page 50% thress noted otherwise top chord shall have properly attended rigid celling Locations shown for permanent lateral restrains that have a properly attended rigid celling Locations shown for permanent lateral restrains shall have a properly attended rigid celling Locations shown for permanent lateral restrains shall have a properly attended rigid celling Locations shown for permanent lateral restrains of which the properly attended rigid celling Locations shown for permanent lateral restrains of the properly attended rigid celling Locations shown for permanent lateral restrains of the properly attended rigid celling Locations shown for permanent lateral restrains the properly attended rigid celling Locations shown for permanent lateral restrains the properly attended rigid celling Locations shown for permanent lateral restrains the properly attended res

ITW But ing Components Group inc. (ITWBCD) shall not be respons be for any day atlan free any failure to build the trues n conformance with MSK/TP! I was a build the trues n conformance with MSK/TP! I would be supplyed by the conformance with MSK/TP! I was and position on shall make pairing in Docal its unless Apply plates to each face of trues and position on shall make pairing in Docal its unless and position pairing of the most position of the pairing of the most position of the pairing of the most position of the pairing the responsibility of the Building Designer per AMSI/TP! 1 Sec 2 for more information see general notes page ITM-BDG www lithbog com TP! www.tpinstorg.WTCA were sbeindustry com.

NEW WER 2/09/2013

SPACING

24.0" 1.25

JREF-

1V1Y487\_Z01

DUR.FAC.

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SEQN-

336061

FROM

MM

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR D1 20'4" Common Girder)

Top chord 2x4 SP #1-13B
Bot chord 2x6 SP SS-13B
Webs 2x4 SP #3-13B W1 2x4
W3, W6 W8, W10 2x4 SP #2-13B
Rt Wedge 2x10 SP #2-13B (13-288--Premier Building /Becker Res Roof --SP M-30 W5 2x4 ŞÞ #1-13B 337 WS rose creek drive Lake City, Special loads Plate

use design values approved TC- From 57 plf at 0
TC- From 57 plf at 0
TC- From 57 plf at 0
TC- From 10 plf at 0
BC- From 10 plf at 0
BC- 1049 82 lb Conc Los
9 60,11 60,13 60,15 60,17 60,17 60,19 1 25 / Plat 0 00 to 4 50 to 0 00 to 60 te Dur Fac =1 25) 57 plf at 4 50 57 plf at 20 33 10 plf at 20 33 60, 3 60, 5 60, 7 ( 60,

60

Brg block to be same size and species as chord Refer to drawing CNNAILSP0109 for more information Brg blocks 0 131"x3', brg x-loc #blocks x-loc 19 833' , min nails s length/blk 12" #nails/blk wall plate Rigid Surface

120 mph wind, 24 98 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4 50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpr(+/-)=0 18

4X5(R)

7X10 ≈

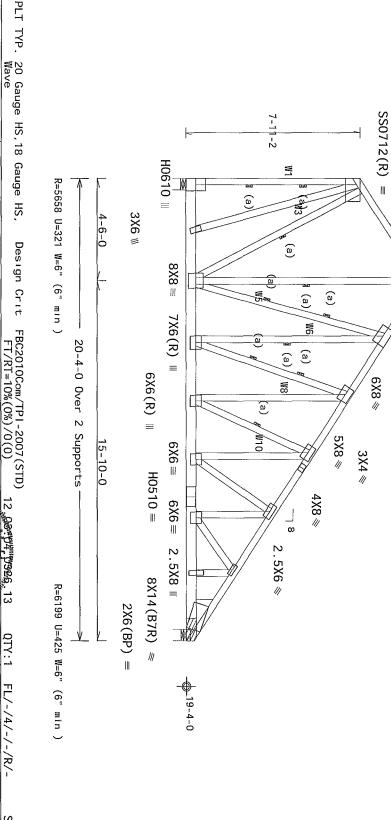
Lumber grades designated with "13B 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS

exposed to wind pressure Left end vertical not

(a) Continuous lateral restraint equally spaced on member

Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278

I'll Building Components Group inc (ITBEO) stati not be retained inc lunc to build the truss n conformance with MSI/TPI 1 bracing of trusses Apply plates to each face of truss and potential unless moted otherwise. Before to drawing 180A-2 from chawing or cover page listing this drawing indicates acceptant responsibility solely for the design shown. The suitable Lye to the responsibility solely for the design shown. The suitable Lye to the responsibility solely for the design shown.

CONTES

2/09/2013

SPACING

24.0" 1.25

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HC-ENG WHK/WHK

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DRW HCUSR9114 13343014

Trusses require extreme care in fabricating handing at pping installing and bracing Rengy.

follow the latest edition of BSSI (Building Component Safety Information by TPI and WTCA) for the past case prior to performing these functions installers shall provide comporary bracing per Business and the property attached structural sheating and better chore the property attached provided the property attached and property attached and property attached the property attached provided the provided provided the property attached provided the provided provided the provided provided provided the provided provide

IMPORTANT ..

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

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REF R9114- 31224

Scale = .25"/Ft.

7.0

PSF

DATE

12/09/13

shall have a properly attached rigid ce I ng Locat ons shown for permanent shall have bracing installed per BCSI sect ons B3 B7 or B10 as applicable

ALP I NE

DGE 31'8' Gable) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER

Lumber grades designated with '13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Stack Chord SC1 2x4 SP #1-13B Stack Chord SC2 2x4 SP #1-13B

(13-288--Premier Building

/Becker Res Roof --

337

SW

rose creek drive Lake City,

See DWGS A12030ENC100212, GBLLETIN0212, & GABRST100212 for more requirements

Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24" o c intervals Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o c Center plate on stacked dropped chord interface, plate length perpendicular to chord length using 3x6 Splice top chord in notchable area

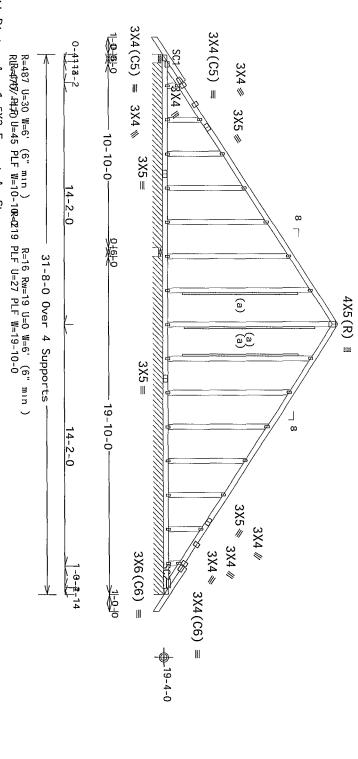
> 120 mph wind, 24 47 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, CLOSED II, EXP B, wind TC DL=3 bldg, Locate
> 5 psf, wind Located ВС

Wind loads and reactions based on MWFRS with additional C&C member design

Truss spaced at 24 0" OC designed to support 2-3-0 top chord outlookers Cladding load shall not exceed 10 00 PSF Top chord must not be cut or notched

(a) 1x4~#3SRB~SPF-S or better "L" brace 80% length Attach with 8d Box or Gun (0 113"x2~5", min )nails @ 6.5 web OC

Deflection meets L/240 live and L/180 total load. Creep factor for dead load is 1  $50\,$ 



Note All Plates Are 1 5X3 Except As Shown Design Crit

PLT TYP.

Wave

ALPINE Trusses require extreme care in fabricating handling at pping installing and bracing for follow the latest of time of BCSI (Building Component Safety Information by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing perfollowers to perform the provide temporary bracing perfollowers to perform the provide temporary bracing performance to perform the provide temporary bracing and better shall have a properly attached rigid or in quality attached structural sheathing and better shall have a properly attached rigid or in quality attached the provided temporary bracing installed per BCSI sections 883 87 or 810 as applicable. \* IMPORTANT \*\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 1986, 140, 80 CONTENT OF THE PARTY OF THE PAR QTY:1 BC LL BC DL TC DL TC LL TOT LD. FL/-/4/-/-/R/-37 0 20.0 PSF 10.0 PSF 0.0 PSF 7.0 PSF PSF DATE REF R9114- 31225 SEQN-HC-ENG DRW HCUSR9114 13343015 Scale = .1875"/Ft.

ITM Building Components Group Orlando FL, 32837 FL COA #0 278

ITW Bu Iding Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with AMSI/TPI 1 or for handing an pping it bracking of trussess Apply plates to each face of truss and position as shown above and on Coursils unless noted otherwise. Refer to drawing 1 GOAD-Z for standard plates to each face of truss and position so to one in drawing or covering the standard may are considered to professional organization for the design for any the responsibility solely for the design shown. The suitability and use of this design for any the responsibility of the building Does given par AMSI/TPI 1 Sec 2. For more information see general notes page. ITW BCG www. (thoogs com TPI www. to nit org. WICA www. soc industry com

2/09/2013

SPACING

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FROM

MHK/WHK

336024

12/09/13

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER E1 27'6' Special)

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B (13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City,

120 mph wind, 23 76 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psf,

Wind loads and reactions based on MWFRS with additional C&C member

Lumber grades designated with "13B' use design values approved 1/30/2013 by ALSC

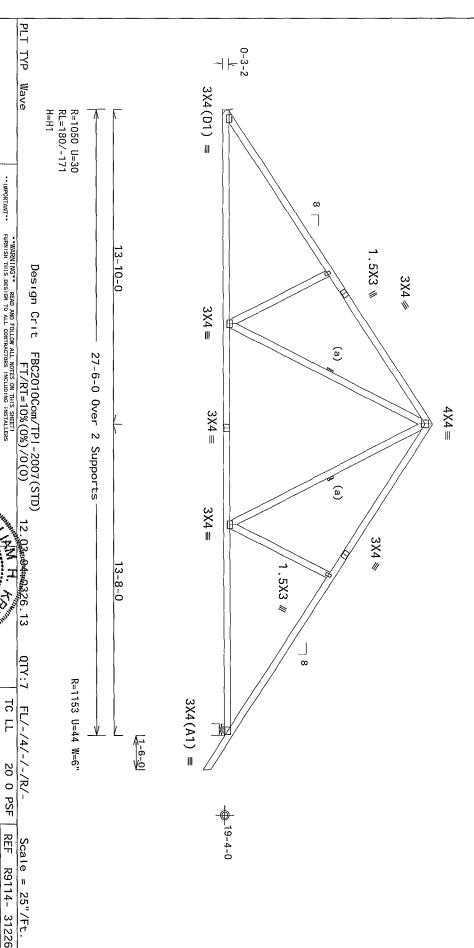
Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is  $1.50\,$ 

Creep increase

(J) Hanger Support Required, by others

(a) Continuous lateral restraint equally spaced on member

MWFRS loads based on trusses located at least 11 88 ft from roof



Building Components Group Orlando FL, 32837 FL COA #0 278

ALPINE

shall have a properly attached r g d ce ling. Locat ons shown for permanent lateral restrashall have bracing installed per BCSI sect ons  $83\,$  B7 or  $B10\,$  as applicable Trusses require extreme care in fabricating handling shipping institling and bracing Refollow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) foo practices prior to performing these functions. Installers shall provide temporary bracing by United States and Component Safety Information of Components and bottom in the second structure is sheathing and bottom in the second structure is sheathing and bottom.

ITW Building Components Group Inc (ITWBCG) shall not be responsible for any deviation for ny falure to build the truss in conformance with ANSI/TPI 1 or for handling ish pping in

A STATE OF THE STA

BC DL BC LL

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SEQN-

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FROM

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HC-ENG WHK/WHK DRW HCUSR9114 13343016 TC DL

7.0 PSF

DATE

12/09/13

12/09/2013

SPACING DUR. FAC.

24.0" 1.25

JREF- 1V1Y487\_Z01

MWFRS loads based on trusses located at least 23 87 ft  $% \left( 1\right) =20$  from edge Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B PLT TYP ITW Building Components Group (a) Continuous lateral restraint equally spaced on member (13-288--Premier Building Orlando FL, 32837 FL COA #0 278 ALPINE Wave 1-6-9 3X4(A1) =RL=174/-184 R=1171 U=0 W=6" /Becker Res Roof --Trusses require extreme care in fabricating handling shipping nataling and braicing Rel follow the latest of tion of BCSI (Building Component Safety Information by IPI and #FCA) food practices prior to performing these functions. Installers shall provide temporary bracing pay in lates to performing these functions in the properly attached structural shearthing and bottom lates and brace to properly attached rigid ce. Ing. Locations shown for pormanent lateral restricts shall have a properly attached rigid ce. Ing. Locations shown for pormanent steral restricts shall have a properly attached rigid ce. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! ITW But any Components Group Inc (ITWBCG) shall not be respons blicfor any deviction fri by failure to build the truss in conformance with ANSI/TPI 1 or for handing a hipping i acing of trusses. Apply planes to each face of truss and position as shown above and on  $\infty$ 6 Design Crit 14-0-0 5X3 ∥ 337 sw rose creek drive Lake City, 3X4 *∞* 3X4 ≡ FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) (a) 28-0-0 Over 2 Supports 3X4 **≡** 4X4 =120 mph wind, 23 87 within 9 00 ft from wind BC DL=5 0 psf Wind loads and reactions based on MWFRS with additional C&C member Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ design E2 28' Mono) (a) 3X4 ≡ CHASO. 3X4 ∥ CALER ... 23 87 14-0-0 .5X3 // ft mean hgt, ASCE 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 QTY:6 ω BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT LD. FL/-/4/-/-/R/-R=1073 U=0 ₩=6" 3X4(A1) CLOSED bidg, not located EXP B, wind TC DL=3 5 psf, 37 0 20 0 PSF 1.25 24.0" 10.0 PSF 0 0 PSF 7.0 PSF Creep increase PSF (6" min ) FROM DATE HC-ENG DRW HCUSR9114 13343017 REF R9114- 31227 SEQN-JREF-Scale = .25"/Ft. 1V1Y487\_Z01 MHK/WHK 12/09/13 336318

12/09/2013

(13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, -

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with "13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

(a) Continuous lateral restraint equally spaced on member

120 mph wind, 23 87 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member CLOSED bldg, not located EXP B, wind TC DL=3 5 psf,

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50 Creep increase

design

MWFRS loads based on trusses located at least  $11\ 94\ \text{ft}$  from roof edge

1-6-9 3X4(A1) =R=1168 U=44 W=6 RL=196/-196 œ 6 min 1.5X3 ₩ 4-0-0 3X4 *∞* 3X4 ≡ (a) 28-0-0 Over 2 Supports 3X4 ≡ 4X4 =(a) 3X4 ≡ 3X4 ∥ 4-0-0 .5X3 // ω R=1168 U=44 W=6" (6" min ) 3X4(A1) =1-6-9

ICC www ccsafe org	FL COA #0 278
general notes page ITW BC	Orlando FL, 32837
responsibility solely for	ITW Building Components Group Inc.
Dota is unless noted other	
any fa lure to build the t	ALBINE (
shall have a properly atta shall have bracing install	
Unicss noted otherwise to	\ /
Trusses require extreme follow the latest edition	>
**IMPORTANT** FURNISH TH	

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
URNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

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FL/-/4/-,

Scale = 25"/Ft. R9114- 31228

TC LL

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7.0 PSF

DATE REF

12/09/13

PLT TYP

Wave

care in fabricat ng handl ng sh pp ng install ng and bracing Re care in fabricat ng handl ng sh pp ng install ng and bracing of BCSI (Bu iding Component Safety Information by TPI and WTCA) for ng these functions. Installers shall provide temperary bracing per p chord shall have properly attached structural sheathing and bottom.

oup inc (ITWECG) shall not be respons ble for any deviation first not conformance with ANSI/TPI 1 or for handling ish pping

CAREA ... 12/09/2013 BC DL BC LL TC DL DUR FAC. SPACING TOT.LD

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HC-ENG WHK/WHK DRW HCUSR9114 13343018

FROM

10.0 PSF 0 0 PSF

24.0"

JREF- 1V1Y487\_Z01

E3 28 Mono)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR E4  $28^{\circ}$  Mono H:P)

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Lumber grades designated with '13B' 1/30/2013 by ALSC (13-288--Premier Building #1-13B #1-13B #3-13B /Becker Res Roof -- 337 sw rose creek drive Lake City, use design values approved 120 mph wind, 23 87 within 9 00 ft from wind BC DL=5 0 psf Wind loads and reactions based on MWFRS with additional C&C member ft mean hgt, ASCk 7-10, roof edge, RISK CAT II, GCp:(+/-)=0 18 ASCE 7-10, CLOSED bldg, not located EXP B, wind TC DL=3 5 psi psf,

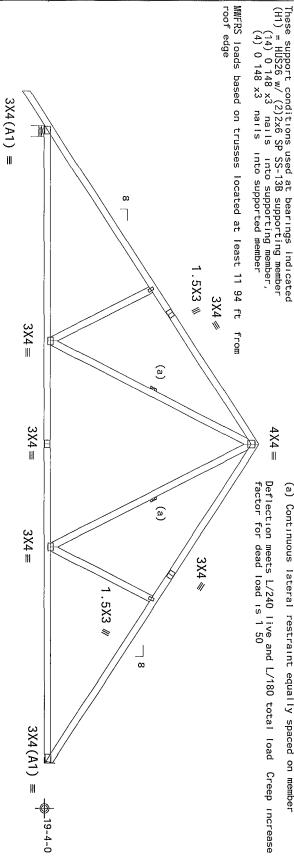
design

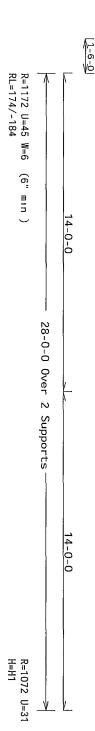
Hanger specified assumes connection to supporting chord is locate minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage is located

 $H = {\sf recommended}$  connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional

information

(a) Continuous lateral restraint equally spaced on member





ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

· IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007 (STD) FT/RT=10%(0%)/0(0)

QTY.2

FL/-/4/-/-/R/-

Scale

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25"/Ft.

20 0 PSF

R9114- 31229

BC LL BC DL

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HC-ENG WHK/WHK

10 0 PSF

DRW HCUSR9114 13343019

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TC DL TC LL

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DATE REF

12/09/13

DUR.FAC.

1.25 37.0 PSF

FROM

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336314

SPACING

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PLT TYP

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Trusses require extreme care in fair eating handing shipping mataling and bracing Registration by Fig. 1 and WIGO.) You practices prior to perform gitness functions: Installers shall provide temporary bracing particles prior to perform gitness functions: Installers shall provide temporary bracing particles shall have a properly attached structural sheating and boughests hall have breading for each ling. Locations shown for permanent lateral restrictions shall have breading matalined rigid cell ling. Locations shown for permanent lateral restrictions shall have breading matalined per RCS] sections 53. By or BIO as applicable.

I'M Build ing Components Concept inc. (ITMECO) shall not be responsible for any capitate on fair this particle to the continuous permanent ling shipping and the truss and post contains and particle shall have breading shown and one contains and the contain

ANAT SIC VILLE

2/09/2013

rose creek drive Lake City,

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B

(13-288--Premier Building

/Becker

Res Roof --

337

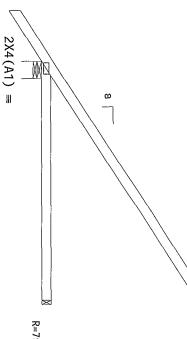
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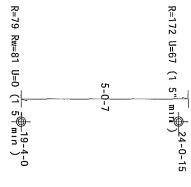
Lumber grades designated with 1/30/2013 by ALSC '13B ' use design values

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

> 120 mph wind, 21 54 within 4 50 ft from wind BC DL=5 0 psf 21 54 ft mean hgt, ASCE 7-10, t from roof edge, RISK CAT II, 0 psf GCp:(+/-)=0 18 CLOSED bldg, EXP B, wind not located TC DL=3 5 psf,

Wind loads and reactions based on MWFRS with additional C&C member





K1-6-0₽ R=379 U=15 W=6 RL=123/-44 7-0-0 Over 3 Supports (6 min)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TP1-2007 (STD) FT/RT=10%(0%)/0(0)

> > 03,04,0326.13

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TC LL

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7.0 PSF

DATE REF

12/09/13

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Design Crit

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Trusses require extreme care in fabr caking handling shipping intesting and bracing Ret folion the latest edition of BGSI (Building Component Safety Informat on by TPI and WTGA) for practices prior to performing these functions. Installiors shall provide temporary bracing publics moted otherwise top chord shall have properly attached structural shaething and bottom shall have a properly attached rigid ceiling Locations shown for permanent lateral restrait shall have a properly attached rigid ceiling Locations shown for permanent lateral restrait shall have a properly attached. IMPORTANT.

I'W Build ng Components Group Inc. (ITWECC) shall not be responsible for any deviat on family failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping any failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping the control of trusses. Apply places to each face of truss and position as shown above and on the control of trusses, noted entered to the fair to drawing should be control of profess one position of the control of the contr

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HC-ENG WHK/WHK DRW HCUSR9114 13343020

FROM SEQN-

24.0"

JREF- 1V1Y487\_Z01

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B (13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City, 120 mph wind, 22 87 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpr(+/-)=0 18 H11 27'6 Stepdown CLOSED bldg, not located EXP B, wind TC DL=3 5 psi psf,

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by}\ \mbox{ALSC}$ 

MWFRS loads based on trusses located at least 11 44 ft

In lieu of structural panels use purlins  $0\ensuremath{\text{C}}$ (J) Hanger Support Required, by others

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brace

<u>a</u>

flat TC @

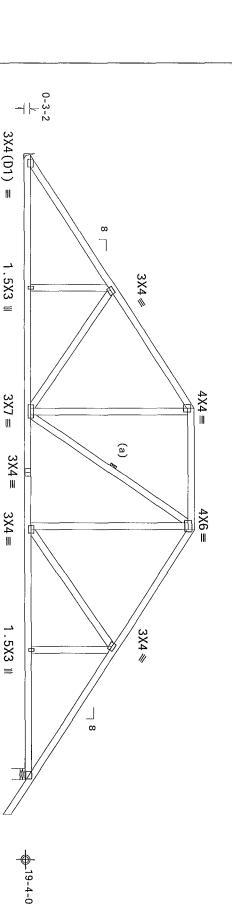
24"

from roof

design Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



H=H.1 RL=148/-139 R=1050 U=34 11-2-0 27-6-0 Over 2 Supports 11-0-0 R=1153 U=49 W=6" 1-6-9

3X4(A1)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

\*\*UMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TPI-2007(STD)

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Trusses roquing extreme care in fabricating banding shipping installing and bracking Restrolled the latest edition of BCSI (Building Component Safety Information by Tell and WTCA) for practices prior to performing these functions. Installions shall provide temporary bracing probabilities need otherwise top chord shall have properly attached structural sheathing and better shall have a properly attached rigid ceiling. Locations shown for permanent lateral restrains shall have a properly attached rigid ceiling. Locations 830 87 or 810 as applicable BC LL BC DL TC DL TC LL 10.0 PSF 20.0 PSF 0.0 PSF 7.0 PSF DATE HC-ENG WHK/WHK DRW HCUSR9114 13343021 REF R9114- 31231

ITW Build in Gosponents Group Inc. (ITMEGS) shall not be responsible for any deviation for any deviation for any deviation for the provided fo

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Bot Pop (13-288--Premier Building chord chord Webs d 2x4 SP #1-13B d 2x4 SP #1-13B s 2x4 SP #3-13B /Becker Res Roof --337 sw rose creek drive Lake City, -THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS H11A 28' Mono Hip) CLOSED bldg, EXP B, wind TC DL=3

Lumber grades designated with '13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

 $\rm H$  = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS-13B supporting member (14) 0 148"x3 nails into supporting member, (4) 0 148"x3' nails into supported member

120 mph wind, 22 87 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 located L=3 5 psf psf,

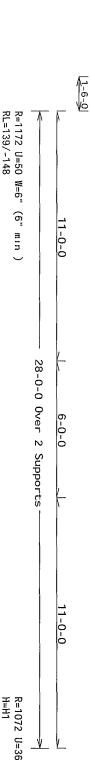
Wind loads and reactions based on MWFRS with additional C&C member design

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to  $0\ensuremath{\text{C}}$ brace all flat TC @ 24"

Deflection meets L/240 live and L/180 total load factor for dead load is 1.50 3X4(A1) =ω 1.5X3 ≡ Creep increase 3X4 ≡ 4X6 ≡ 3X4 ≡ (a) MWFRS loads based 3X7 = 4X4 = edge on trusses located at least 1.5X3 3X4 ∥ = ω 3X4(A1) 그 44 ť



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

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DRW HCUSR9114 13343022

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HC-ENG WHK/WHK

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Wave

Trussus require extreme care in fabricating banding an pping installing and bracking Restrollers the latest edition of BCSI (Building Component Safety Information to WPI) for practices prior to performing these functions. Installiers shall provide temporary bracing publices noted otherwise top chord shall have properly attached structural shauthing and button shall have a properly attached fild conline. \*\* IMPORTANT

ITW Building Components, Group in (ITWEO) shall not be responsible for any deviate on family any failure to build the trust in conformance with ANSI/TRI 1 or for handling shipping family bearing of trussess. Apply plates to each face of truss and position as shown above and allow the bearing of trussess. Apply plates to each face of truss and position as shown above and bearing the trusted of the second position. Apply plates to each face of truss and position as shown above and bearing the trusted of the position of the control of the control of the position of the control of the con

WALENCY AND THE RESERVENCE OF THE PROPERTY OF 12/09/2013 BC LL BC DL TC DL DUR.FAC. SPACING TOT LD

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337 sw rose creek drive Lake City, - H13 27'6" Stepdown Hip) 120 mph wind, 23 54 within 9 00 ft from wind BC DL=5 0 psf 23 54 ft mean hgt, ASCE 7-10, 't from roof edge, RISK CAT II, 0 psf GCp:(+/-)=0 18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psf,

(13-288--Premier Building

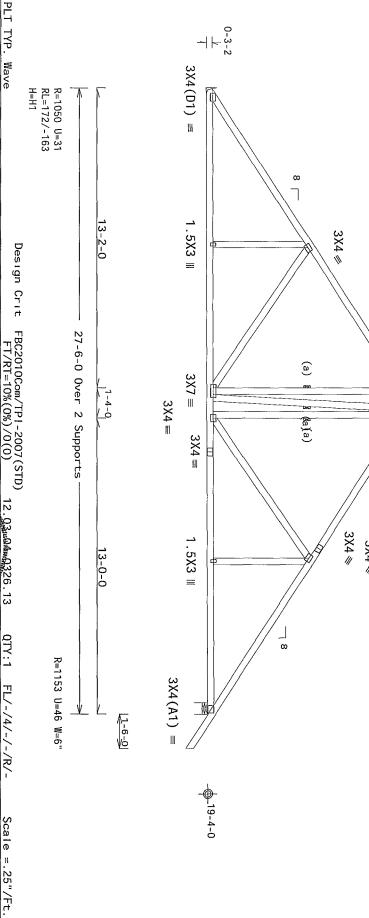
/Becker Res Roof --

Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B In lieu of structural panels use purlins to brace all flat TC  $\,$  OC  $\,$ Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC MWFRS loads based on trusses located at least 11 77 ft (J) Hanger Support Required, by others ω 3X4 *∞* from roof (a) 4X4 =4X8≡ @a(a) 3X4 ∕/ 3X4 ∕/ \_\_ ∞



ITW Building Components Group

ALPINE

Triusses require extreme care in fabricating handling shipping installing and bracing for follow the lacest edition of BESI (Building Component Sarety Information by TPI) and BITCA) for practices by an outperforming base functions on protein stability provide temporary bracing professional content of the protein stability of the protein stabili

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW But Id ng Components Group Inc. (ITWECD) shall not be respons but for any day atton research ince to build the trusts n conformance with ANSI/TPI 1 or for handling shipping broading of trusses Apply plates to each face of truss and position as shown above and on a Docu 1s unless noted Apply plates to each face of truss and positions as shown above and on a Docu 1s unless noted Apply plates to seach face of truss and positions are possible. If or sandard plate positions are desiring or cover page 1 last my this drawing indicates acceptance of professional engineering drawing or cover page 1 last my this drawing indicates acceptance of professional engineering.

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DATE

12/09/13

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REF R9114- 31233

12/09/2013

Orlando FL, 32837 FL COA #0 278

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - H13A 28 Mono Hip)

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

(13-288--Premier Building

/Becker Res Roof --

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

H= recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS-13B supporting member (14) 0 148 x3' nails into supporting member, (4) 0 148'x3 nails into supported member

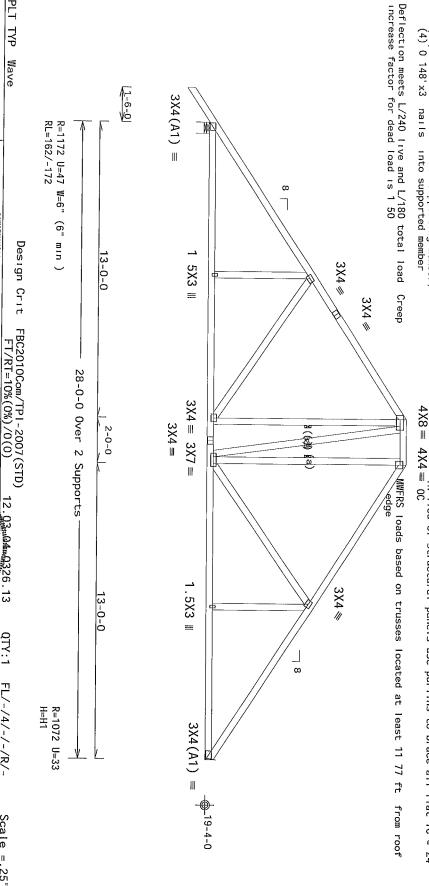
120 mph wind, 23 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi( $\pm$ /-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member CLOSED bidg, not located EXP B, wind TC DL=3 5 psf,

desıgn

coverage Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(a) Continuous lateral restraint equally spaced on member

in lieu of structural panels use purlins to brace all flat TC @ 24"



PLT TYP

Wave

· · IMPORTANT · ·

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

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FL/-/4/-/-/R/-

TC LL

20.0 PSF

REF

Scale = .25"/Ft. R9114- 31234

7 0 PSF

DATE

12/09/13

ITW Building Components Group

I'W Building Components Group Inc. (ITWBCC) shall not be responsible for any day at on ramping any fa lure to build the truss. In conformance with ARSI/IPI 1 or for handling ship ping it was a few or trusses. Apply places to each face of truss and position as shown above and on the business notice otherwise. Refer to drawings 180A-72 for standard plate positions. A place of the position as shown above and on the business notice of professional registering and trawing or cover page. I at might is drawing independent of professional registering and the professional registering for any street to responsibility of the does go shown. The suitability and use of this does professional tray of the duty for the does go shown. The suitability and use of this does professional tray of the duty of t

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Trusses require extreme care in fabr cating handling shipping installing and bracing Recomposed follow the latest edition of BSSI (Building Component Safesty Information on by TPI and WTCA) for each practices prior to performing these functions (lates shall provide temporary bracing page that Unices moted otherwise top chord shall have properly attached structural sheathing and bottom constant have a properly attached rigid cet ing locations shall have a properly attached rigid cet in should be consistent for permanent lateral restrict of shall have a properly attached rigid cet in should be consistent for permanent lateral restrict of shall have a properly attached rigid cet in should be consistent of the consistent of th

ALPINE

Orlando FL, 32837 FL COA #0 278

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR H7 27 4' Stepdown Hip Girder)

120 mph wind, 21 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 Bot Bot Wind loads and reactions based on MWFRS Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ In lieu of structural panels use purlins OC Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC ITW Building Components Group (13-288--Premier Building ₹ chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B Orlando FL, 32837 FL COA #0 278 **ALPINE** 20 Gauge HS, Wave 1-6-0 4X6(B1) R=2198 U=416 W=6" ω T2 2x4 SP M-30 Trusses require extreme care in fabricating handling shipping installing and bracing Required follow the lacest edition of BCSI (Building Component Safety Information by TPI and WTCN) foodate practices prior to performing these functions. Installiers shall provide temporary bracing on the linices noted otherwise top chord shall have properly attached structural sheathing and bottom shall have a properly attached rigid on Ing. Location for permanent lateral restraction shall have a properly attached rigid on Ing. Location for bornmanent lateral restraction shall have a properly attached rigid on Ing. Location 6 shown for permanent lateral restraction shall have a properly attached rigid on Ing. Location 6 shown for permanent lateral restraction of shall have a properly attached rigid on Ing. /Becker Res Roof \*\* IMPORTANT\*\* 1TW Building Components Group Inc. (ITWBCG) shall not be respons ble for any deviation for f at lure to build the truss in conformance with ANSI/TPI 1 or for handling is highly f at lure to build the truss in conformance with ANSI/TPI 1 or for handling is highly f7-0-0 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS ିଗ୍ର ţ Design Crit min brace all flat TC @ CLOSED bidg, EXP B, wind 1.5X4 II 5X8 ≢ 337 sw rose creek drive Lake City, Creep increase not located TC DL=3 5 psf FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 27-4-0 Over 2 Supports 24 77 1.5X3 ≅ 3X7 ≡ H0310 ≡ special loads 6 27, 18 BC- 311 BC- 79 BC- 311 85 Ib BC- 79 29 Ib C S 27,18 27 246 45 171 79 From From From From From STONAL ENGINEERS Ib Conc Ib Conc 57 F 57 F 57 F 50 F 50 F 1.5X4 Ⅲ r Fac =1 25
plf at -1 5
plf at 7 (
7 plf at 20
5 plf at -1
20 plf at 0
10 plf at 7 Conc Conc 5X8 ⊭ þ 0 Load Load a at 9 9 7 03,20 9 06,11 0 7-0-0 ω 03,20 30 06,11 06, BC LL Dur Fac =1 2 57 plf at 7 28 plf at 28 57 plf at 28 57 plf at 0 20 plf at 7 10 plf at 7 10 plf at 7 20 plf at 27 5 plf at 28 BC DL TC DL DUR. FAC TC LL SPACING TOT.LD FL/-/4/-, R=2198 U=416 W=6" 0 30 06,13 4X6(B1) <u>.</u>13 06,14 06,14 27 37.0 /-/R/-1-6-9 24.0" 1.25 20.0 PSF 0.0 PSF 10 0 PSF 7 0 PSF 8230208220<sup>25</sup> 27 PSF 6 DATE FROM min SEQN-HC-ENG DRW HCUSR9114 13343025 REF R9114- 31235 JREF- 1V1Y487\_Z01 Scale = MIK/WIK 336337 12/09/13 25"/Ft.

12/09/2013

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR H9 27'6" Stepdown Hip)

/Becker Res Roof --337 sw rose creek drive Lake City,

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

(13-288--Premier Building

Lumber grades designated with "138" use design values approved 1/30/2013 by ALSC

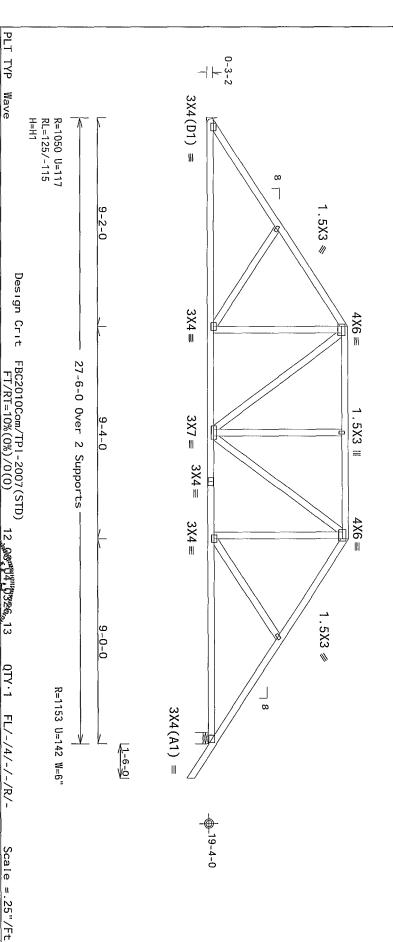
(J) Hanger Support Required, by others

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1  $50\,$ Creep increase

> 120 mph wind, 22 20 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psf,

Wind loads and reactions based on MWFRS with additional C&C member design

In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C  $\,$ 



ITW Building Components Group

I'll But I'd ng Components Group Inc. (L'INBCG) shall not be respons ble for any dev attent fri any fair It inc to build the truss in conformances with MSL/TP1 in or for handling ship high in the group of trussens. Apply plates to each face of truss and posit or as shown above and on Detail a unless instead otherwise. Befor to drawing 160A-2 for standard plate posit onsist of caving on concer page I sting this strawing indicates acceptance of professional anglesering cespons bill to year by solely for the design shown. The autuant Its and use of this design for any to respons bill to year the Bulling Designer per, ANSI/TP1 is Sec 2. For more not normal on sec

TO NEEP

BC LL BC DL TC DL TC LL

0 0 PSF

10.0 PSF

DRW HCUSR9114 13343026

WHK/WHK 336316

20.0 PSF

REF R9114- 31236

7 0 PSF

DATE

12/09/13

37 0

PSF

SEQN-HC-ENG

FROM

2/09/2013

SPACING DUR FAC. TOT LD

24 0" 1.25

JREF-

1V1Y487\_Z01

Trusses require extreme care in fabricating handling shipping installing and bracing Ren follow the latest od tion of BCSI (Bu Iding Component Safety Informat on by TPI and WTCA) for practices prior to performing these functions. Installers shall provide temporary bracing per Unices noted otherwise topological hitessing and bottom.

attached rig d ce I ng Locat ons shown for permanent stalled per BCSI sect ons B3 B7 or B10 as applicable

permanent lateral

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ALPINE

Orlando FL, 32837 FL COA #0 278

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS HJ7 9'10"13 Hip Jack Girder) MFR

<u>"</u>

9090

25) 0 00 9 90 90 90

(13-288--Premier Building chord 2x4 SP #1-13B chord 2x4 SP #1-13B Webs 2x4 SP #3-13B /Becker Res Roof --337 sw rose creek drive Lake City, Special loads r Dur Fac =1 25 0 plf at -2 11 2 plf at 0 00 0 plf at -2 11 2 plf at 0 00 1 lb Conc Load 61281<sup>5</sup> Plate Dur Fac = 55 plf at 2 plf at 4 plf at 2 plf at 2 plf at 2 plf at

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

120 mph wind, 21 51 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCp:(+/-)=0 18 CLOSED bidg, not located EXP B, wind TC DL=3 5 psf.

TC- From 2 plf a
BC- From 0 plf a
BC- From 2 plf a
BC- From 2 plf a
TC- -105 31 lb Conc
TC- 113 56 lb Conc
TC- 234 05 lb Conc
BC- -24 86 lb Conc
BC- 47 12 lb Conc

Load at

4 31 7 13 1 48 ω

ţ to 

104 44 1b Conc

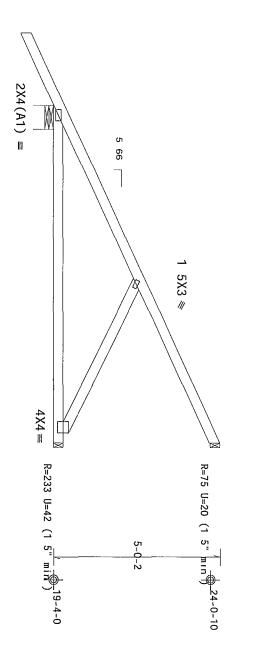
Load at Load at Load at Load at

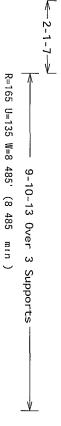
Load at

From

Wind loads and reactions based on MWFRS

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1  $50\,$ Creep increase





\*\* [MPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit.

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

QTY:3

FL/-/4/-/-/R/-

20.0 PSF

REF

Scale = .375"/Ft. R9114- 31237

¥

Wave

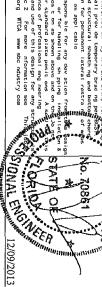
Trusses require extreme care in fabricating handing shipping instilling and bracing Reference follows the latest edition of BESI (Building Component Safety Information by Telliand WTCA) for set practices prior to performing these functions. Installiers shall provide component phase and bottog choice in the property attended structural shearthing and bottog choices are property attended structural shearthing and bottog choices are property attended for the property attended for the property attended for decisions and property attended for decisions and property attended for decisions and property attended for decisions are property attended for decisions and property attended for decisions are property attended for decisions and property attended for decisions are property attended for decisions and property attended for decisions are property attended for decisions are property attended for decisions and property attended for decisions are property att

ITW But it in Components Group inc. (ITWECD) shall not be responsible for any day atten from any far uner to whild the trues in conformance with ANS/ITPI 1 per for handling, ablying in brace on of trues and post on a shown and on the Details unless inconformation are acceptanced by the plates to each face of trues and post on a shown and on the Details unless incode obtains as Reference for a 180A-2 for stundard plate point and of the wing of covery page it only design shown. The suit that it ty and use of this destign for any other exaponable it yes only for the But lifting Designer per ANS/ITPI 1 Sec. 2 for more information and general indices page ITM-BCG www.coaffe org

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



BC LL BC DL

0.0 10 0 PSF

PSF PSF

> HC-ENG WHK/WHK DRW HCUSR9114 13343027

TOT.LD.

37 0

SEQN-

336332

FROM

TC DL TC LL

7.0 PSF

DATE

12/09/13

SPACING DUR. FAC.

24.0" 1.25

JREF- 1V1Y487\_Z01

(13-288--Premier Building /Becker Res Roof 337 sw rose creek drive Lake City,

Top chord Bot chord chord Webs 2×4 2×4 2×4 4 SP M-30 T 4 SP #1-13B 4 SP #3-13B T1 2x4 SP #1-13B B B2 2x4 SP M-30

Lumber grades designated with "13B 1/30/2013 by ALSC use design values approved

120 mph wind, 21 54 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B wind TC DL=3 5 ps: wind BC DL=5 0 psf GCpi(+/-)=0 18 psf,

Wind loads and reactions based on MWFRS

 $\rm H$  = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS-13B supporting member(14) 0 162 x3 5' nails into supporting member, (4) 0 162 x3 5' nails into supported member

20 l ieu of structural panels use purlins to brace all flat TC @ 24"

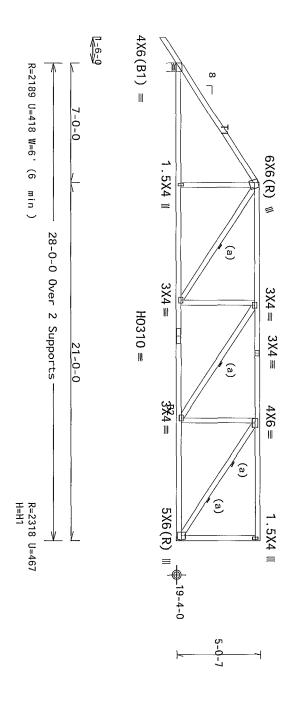
> 25 / Plax
> 25 / Plax
> 26 plf at 7 00 to 2
> 5 plf at 7 00 to 2
> 5 plf at -1 50 to 5
> 6 plf at -1 50 to 5
> 7 plf at 0 00 to 20 plf at 7 03 to 10 plf at 7 06,19 06,21 06,23 06,25 06,27 06
> 8C- 311 85 lb Conc Load at 9 06,11 06,13 plf at 7 06,19 06,21 06,23 06,25 06,27 06
> 17 06,19 06,21 06,23 06,25 06,27 06
> 18 tend vertical not exposed to the specified assume of five to the specified assume of the specified assume of five to the specified assume of e.e. Dur Fac =1 25)
> 57 plf at 7 00
> 28 plf at 28 00
> 5 plf at 0 00
> 20 plf at 7 03
> 10 plf at 28 00 06, 13 06,13 06,15 06,15 90 90

pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord is located chord from any 85% plating

(a) Continuous lateral restraint equally spaced on

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is  $1.50\,$ Creep increase





- IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FT/RT=10%(0%)/0(0)

Design Crit

FBC2010Com/TP1-2007(STD)

0TY:1

FL/-/4/-/-/R/-

Scale = 1875"/Ft R9114- 31238

20.0

PSF

DATE REF

12/09/13

DRW HCUSR9114 13343028

BC DL BC LL

TOT.LD

37.0

PSF PSF

SEQN-

FROM

0.0 10.0 PSF 7 0 PSF

HC-ENG

PHK/PHK 336335

TC DL TC LL PLT TYP

20 Gauge HS, Wave

Trusses require extreme care in fabricating bandling shipping intesting and bracking Reformation the latest edition of BCSI (Building Component Safety Information by IPI) and WTCA) for the practices prior to performing these functions. Installers shall provide temporary bracking perfectly intesting the property attrached structural sheathing and bottog choice the property attrached fid colling. Locations shown for permanent lateral restrained with shall have a property attrached fid colling. Locations shown for permanent lateral restrained with shall have a property attrached gradient shall be property attrached gradients.

ITW Build in Components Group Inc. (TNBCC) shall not be responselt if or any deviat on from the first time to be in the first times and position as shipping in the base op of trusses. Apply person to executive of truss and position as showing both on the business and position as showing both on the business and the same for the

STONAL ENGINEERS

2/09/2013

SPACING DUR.FAC.

24.0" 1.25

JREF- 1V1Y487\_Z01

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR MH9 28' Mono Hip)

(13-288--Premier Building /Becker Res Roof --337 sw rose creek drive Lake City,

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS-13B supporting member (14) 0 148 x3' nails into supporting member, (4) 0 148"x3 nails into supported member

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1 50 Creep increase

120 mph wind, 22 20 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18

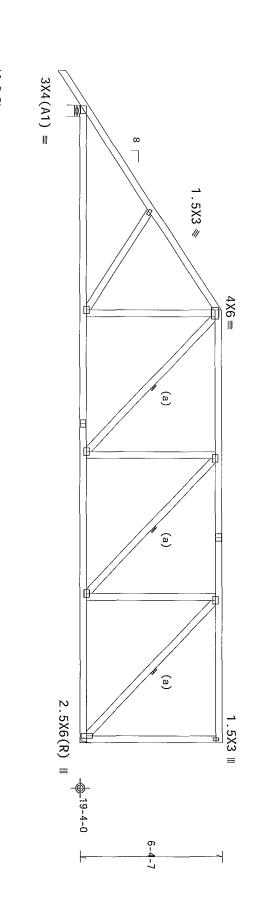
design Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage മ

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat  $0\ensuremath{\text{C}}$ TC @ 24"



1-6-9 R=1177 U=133 W=6" RL=156/-51 9-0-0 (6" mın 28-0-0 Over 2 Supports R=1067 U=148

王王1

Note. All Plates Are 3X4 Except As Shown.

Orlando FL, 32837 FL COA #0 278	ITW Building Components Group Inc.		ALP I NE	\ /	>		PLT TYP. Wave	
general notes page ITW-BCG www itwideg com TPI waw to nst org WTCA www sbc ndustry com	drawing or cover page I sting this drawing and cates acceptance of professional engineering to the control of the design for the design for the design for any still design for a	bracing of trustees. Apply plates to each face of trusts and post on as shown above and on the Joint Company of the Company of	ITW Bu id ng Components Group inc (ITWBC) shall not be respons ble for any deviat on from the state of the st	Unless noted otherwise top chord shall have properly attached structural sheathing and bottle chords shall have a properly attached rigid coiling. Locations shown for permanent lateral restroic of these shall have a properly attached rigid coiling. Bottlers shown for permanent lateral restroic of these shall have baseling installed nor RSCI exercises. BY or RIG. a small cable.	Trusses require extreme care in fabr catting handing shipping metaling and bracing Recognition of BCS (Building Component Safety Information by TP) and WTCA) requested the practices prior to performing those functions in Statillers shall provide temporary bracing one BCS.	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!	12.0346410826.13	Design Crit: FBC2010Com/TPI-2007(STD)
SP/	DU	10.	BC	ВС	77	ТС	QTY:1 FI	
SPACING 24.0"	DUR.FAC	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-	
24.0"	1.25	37.0 PSF SEQN-	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF	/-/R/-	
JREF- 1V1Y487_Z01	FROM JMW	SEQN- 336327	HC-ENG WHK/WHK	10.0 PSF DRW HCUSR9114 13343029	DATE 12/09/13	REF R9114- 31239	Scale = $.25$ "/Ft.	

## Reinforcing

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired

#### Notes

shown on single ply sealed designs to T-reinforcement L-reinforecement or scab reinforcement This detail s on y applicable for changing the specified CLR

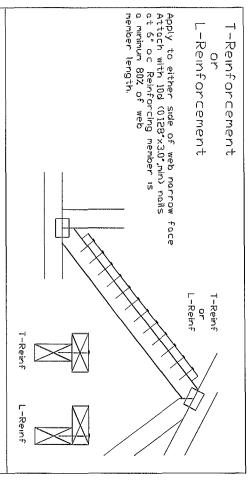
For minimum a ternative reinforcement, re-run design with appropriate Alternative reinforcement specified in chart below may be conservative reinforcement type

5-5×6(*)	N N X X O O	N TOWN	N N X X W W
1-2×6 2-2×4(米)	2×4 2×6	1 rows	(A) (A)
1-2×4 2-2×4	10 x x 4	1 rows	2×3 or 2×4 2×3 or 2×4
Scab Reinf	Alternative Reinforecement  T- or L- Reinf Scab Rein	Specified CLR Restraint	Web Member Sze

I-reinforcement, L-reinforcement, or scab reinforcement to be species and grade or better than web member unless specified otherwise on Engineer's sealed design. same

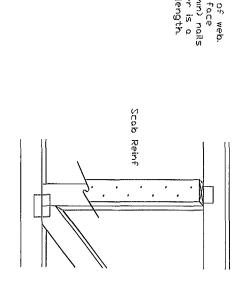
Center scab on wide face of web face of web Apply (1) scab to each

# MOMBOR Substitution



## Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face Attach with 10d (0128\*x30\*,mn) nails at 6° oc Reinforcing member is a minimum 80% of web member length.





\*\*WARRINGS\*\* READ AND FILLIDY ALL NOTES DN THIS BRAVING
\*\*PROPRIATE STATES OF THIS BRAVING TO ALL NOTES DN THIS BRAVING
\*\*PROPRIATE STATES OF THIS BRAVING TO ALL CONTRACTIONS (NOLIDING THE INSTALLERS.)
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ITV2CG www.truceg.com [Pi] www.truchist.org) SUGA www.sbctrobusyorg; ICD www.tccofeoorg

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Earth City MO 63045

SIONAL 12/09/2013

EH Minimum 13

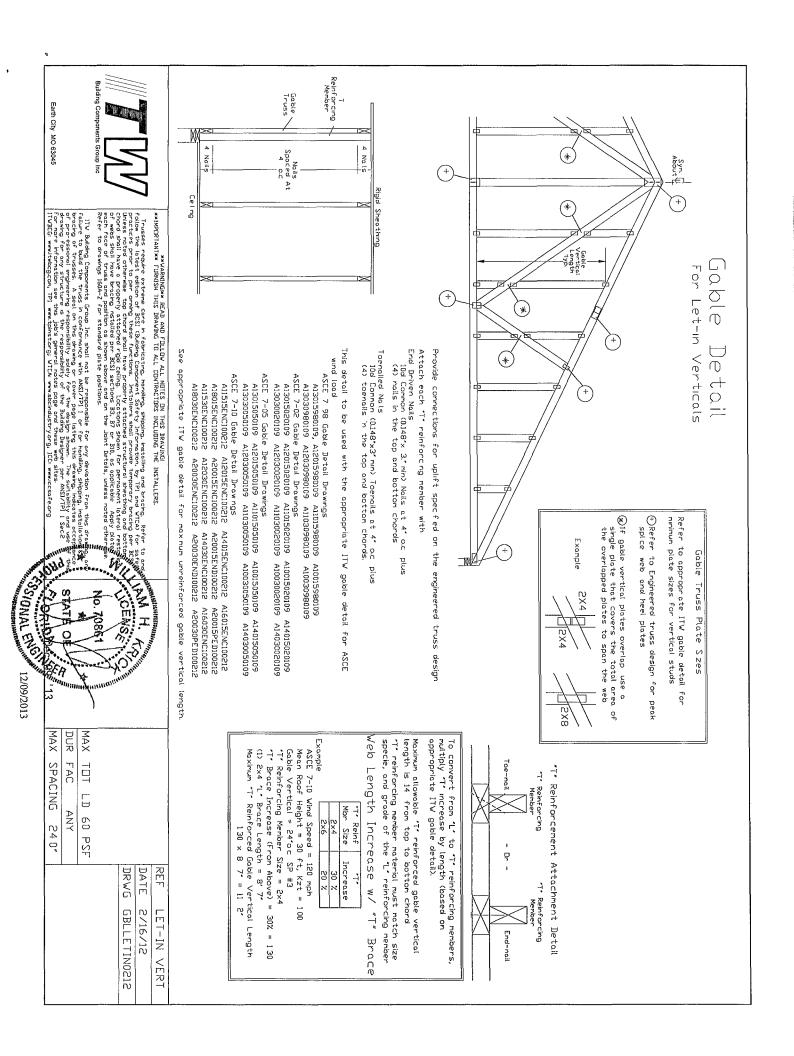
BC DL TC DL SPACING DUR FAC E PSF PSF PSF PSF REF DATE DRWG 8/15/13 CLR Subst BRCLBSUB0813

D.

10

ASCE 7-10 120 mph WIND Speed, 15' Mean Height, Enclosed, Exposure C Kzt = 100 100 mph Vind Speed 15 Mean Height Enclosed Exposure C Kzt = 100 Gable Stud Reinforcement Detail Exposure Ĺ 大 N 大 N t Group Species and Grades П 1 00

	Earth City MO 63045	Building Components Group Inc.			Connect diagonal at	n table above		at each end. Max web	ā -	Diagonal brace option		M 12 DF	a> "	0		ab SPF	16 16		C	r	tic		4.			9		Gable Vertical	) × ×
	ITW Buildi	chord shall of webs sh each face Refer to d	Follow The practices practices protections		5 5 1 V					Sak	Standard	Stud	# # 170	Standard #1	Stud	#1 / #2	Stud	#Δ #2	#1	Stud	#3 / #2	Standard	#3	# # #	Standard	ξ‡:3		ot bruce	
	ing Component build the tru trusses. A tional engineer ony structu information se vitwbcg.com, T	have a propositive brace of truss and brownings 150A-	require extre la-est edition brior to perfi ed otherwise	**WARNING!*!	,	45.				Sable Truss	2,	1 1		νί κ α n			ν ω ω	ပ တ	1 1	ν (ω ) ) (I)	ω ω ω	1 1	1 1	4 10.		4 7.	4 10"	No Braces	
	s Group Inc. : ss in conform sseal on this o ing responsible are is the res this job's g this job's g	erly attached ing installed position as a constant of the cons	ne care in fo of BCSI (Buil orming these top chard sh	HIS DRAVING	7	or double cut (as shown) at upper end.	2x4 DF-L #2 or better diagonal				8 6,	9 7	.   `	ν, 10 γ	1 1	- 1 - 1		8 6°		ή ω, φ &		6 0,	1 1	α α	1	7 9.	ထ က္	Group A	(1) 1x4 (1)
	shall not be rance with ANS browning or covered for solely for sponsibility of general notes org; WTCA: www	d rigid celling, ber 3CSI sect shown above o rd plate posit	sbricating, han lding Componer functions. In all have prop	TO ALL CONTRO	<del>/</del>	end.	#2 or lagonal				9, 0,			10 9	1 1	10 8	7, 10,	`	1 1	9 7,	ð, ð, ð ð	6 4	`	ω α	8 6	φ ω ω	8 6,	group	Brone C
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	r any deviation in any deviation in anothing, shi gethis drawing those. The sites web sites.	own for permo 310, as applic nt Details, uni	installing and preation, by Ti provide tempo structural si	**IMPOR"ANT** FURNISH THIS DRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLERS	Refer			Broce	7 <u>7</u> 7	- - -/\	Symn About	15, 6,		15 K	1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10, 2,	l 'l '	1 1	11 4.	11 6.		9 10.	10 1	1 1	9 11.	1	dno	T. Broce *
	IIV Juilding Components Group Inc. shall not be responsible or any deviation from this drawing deviation from this drawing shall be trues in conformance with ANSI/III I on for handling, shapping, installable of professional engineering responsibility solly for the basing shown The suit billity and use drawing for any structure is the responsibility solly for the Building shown The suit billity and use of the major of the Suit of the S	inent lateral table. Apply p less noted of	l bracing. Ref Pland WTCA) For bracing heathing and l	LERS.	to chart	-*		<u></u>	-* -		£ 14, 0,	1 1		14, 0,		13, 5,	13, 0, 0,	الله الله 14 الله 15 الله			13 °		1 1	9 1	1 1	ည် လုံ = ==	11 6.	group	(2) 2×4
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S/GNAL	STATE OF THE PROPERTY OF THE P	No. 708	OF J	thilliseriff the	ar max go	(I) (P)		H	″ Đ		14 0*	1	14' 0"	14, 0,	1 1	1 1		14. 0.			14' 0"	1 `	14 0	14 0,		14 0	1,1	Group	(I) 2x6
ENGLA		2	Order Street	tinane.	able verti		7	/			14, 0,	14 0,	14' 0"	14, 0,	14, 0,	14' 0"	14, 0,	14 0	14 0"	14 0	14 0	13 5	14, 0,		:1-1	14 0	14 0"		'L' Brace *
12/09/2013	23	Managara and American	Mer.		vertical length						14, 0,		14' 0"	14' 0"	14 0	14' 0"	14, 0,	14' 0'	14 0	14' 0'	14' 0'	14 0	14' 0'	14' 0"		14 0			
	MAX TOT				7						14.0	14 0	14' 0"	14 0	14, 0,	14' 0"	- 1	14 0	14' 0"	14. 0.	14 0	14' 0'	14 0°	14' 0'	14 0	14 0.	1 1	Group B	(2) 2x6 'L' Brace **
	SPACING 240°		DATE 2/14/12  DRWG A12015ENC100212	REF ASCE7-10-GABI2015	Refer to the Building Designer for conditions not addressed by this detail.	Ereater than 11 6' 25X4  + Refer to connon truss design for peak, spike, and heel plates.	but 1X	Gable Vertical Plate Sizes	'L' bracing must be a ninimum of 80% of web member length.	※ For (i) "( brace: space nails at 2" o.c., in 18" end zones and 4" o.c. between zones. ※#For (2) "(" braces: space nails at 3" o.c. in 18" end zones and 5" o.c. between zones.	the Alac January, due roung Attach 'L' braces with 10d (0.128'x3.0' min) halls.	So. Pine lumber design values based on	Sable end supports load from 4 0° outlookers with 2°,0° overhand, or 12° plywood overhand.	Provide uplift connections for 35 plf over continuous bearing (5 psf TC Dead Lood).	Wind Load deflection criterion is L/240.	values may be used with these grades.  [jable Truss Detail Notes		shall be SRB	#1	3	#I Bir	Group B		Stud Stud Standard Standard	Douglas Fir-Larch Southern Pinexxx	#3	#1 / #2   Standard #2   Stud		** Bracing Group Species and Grades



#### Common Residential 7 - 10.Gable End Wind 120 , dem 30, Mean Bracing Requirements Height, Closed, Exposure 1 Stiffeners

120 100 0 mph, 30ft Mean 3 mph, 30ft Mean 3 mph, 30ft Mean t = 100 Wind TC: Hgt, ASCE 7-10, Enclosed, Exp C, or Hgt, ASCE 7-10, Enclosed, Exp D, or Hgt, ASCE 7-10, Part Enclosed, Exp DL=50 psf, Wind BC DL=50 psf ່ ກົບ  $\Box$ 

> I 工

30t Lateral chord bracing requirements Top Continuous roof sheathing Continuous ceiling diaphragm

on this detail Lingineer's sealed design referencing lumber, plates, and other information 4 0 7 0 this detail shown

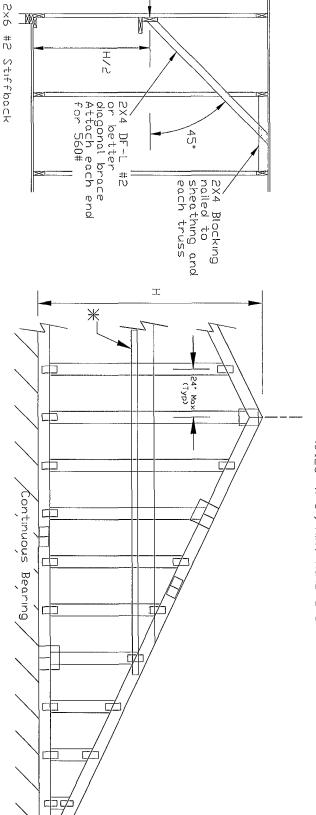
Nails 10d box 0 22 (0128"x3",mm> nails

> Less than 4'6" no stud bracing required

- Greater to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC100212) provide a 2x6 stiffback at mid-height and brace stiffback
- Greater than 7'6" to 12'0" max provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0'' (see detail below or refer to DRWG A12030ENC100212)

I

\* Optional 2x L-reinforcement attached to stiffback with 10d box or gun (0128" × 3", min) nails @ 6" oc





Earth City MO 63045

\*\*VARNING!\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!
\*\*WHORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

attached to each

Stud

w/ (4)

10d box or

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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Rever to and close the latest edition of 303 (Building Carporent 30 et by Information, by 179) and VTCA) for an expectations installed the provide temporary practing per 303 provides small provide temporary practing per 303 charts of the provided temporary practing per 303 charts of provided the provided temporary per 303 charts of provided the provided temporary per 303 charts of the provided temporary per 303 charts of the provided the provided temporary per 303 charts of the provided tempor

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É A MAX MA× 101 SPACING 60 PSF REF DATE DRWG

> GABRST100212 2/14/12 H

WHALER

SONAL ENG 12/09/2013

ASCE 7-10 120 5 <del>6</del> 5 C 4 4 Wind Speed, 30' Mean Height, Enclosed, Exposure 100 Mph Vind Speed 30' Mean Height Partially Enclosed Exposure C, Kzt = 1.00 100 Mph Vind Speed 30' Mean Height Enclosed Exposure D Kzt = 1.00 Gable Stud Reinforcement Detail Ç KZt icing Group Species and Grades 11 100

Earth City MO 63045		Building Components Group Inc.		Connect diagonal at midpoint of vertical web.	Vertical length shown in table above	of each end Max web total length is 14	doubled when diagonal brace is used. Connect	Diagonal brace option vertical length may be		1		, SD	0	 	7 D T L	16 DF		2	<b>=</b>	SPFT	1	24				SPF	Spacing Species	Soble Vertice
JIWACE www.it	ITW Building failure to built broking on the professions of artists of a strain of the professions of the profession of the professions of the pro	Unless noted chard shall h of webs shall each ace o-	AND				-	200	N Good	tandard	#3	35	Standard	Stud #3	#1 / #2	Stud	# π	## C	Stud	#3 #2	[ ڐ]،	Stud #3	# #	#1	Stud	#1 / #2	note/	Brace
wbcg.com; TF	Component d he tru sses. A l enginee ly struct		x FURNISH T x FURNISH T quire extremation test edition or to perfo		45.			: : :		1 1	5 6,		+ 1	ο, Ω Ω	1 1	ລ໌ ໔ ນ ເນ		1 1	- Q - Q - Q - Q - Q - Q - Q - Q - Q - Q			4 4	1 1	1 4	4 4	4 4.	Braces	5
ol: www.tpinst	ts Group Inc. uss in con-orm seed on this oring responsible ture is the re-	top chord shall erly attached r ing installed per position as sha for standard	READ AND FI	<del>  ==</del>	brace single or double cut (as shown) at upper end.	2x4 DF-L #2 or	7		×	7' 10"	9 1.		`	8, 8, 9 9	`	7 10"	7 10.	1	8 10,	8 10	`	ر و م و	1 1	7' 10"	7 8.	7 20	Group A	① 1×4 1
org; WTCA: ww	Group inc. shall not be in conformance with ANS in conformance with ANS in conformal or the responsibility of the internegation of the conformal notation.	wise top chord shall have properly properly attached rigid ceiling. Loc brothing installed per BCI sections is and position as shown above and a lock-Z for standard place positions.	D FDILDY ALL NO ING TO ALL CONTR In fabricating, har (Building Componer Se functions in	5	single He cut (mn) ot end.	#2 or			×	1 1	0 8		3 1	10 1.	10 2.	7 3,		1	ν η o o	9 4 W 4	1 1	6 6	1 1	ထစ	ω ω	8 1.	Group B	'L' Brace *
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orgi ICC. www.r	e or any deviation from this in for handling, shipping, insta listing this orowing, indicates sign shown. he suitability and ling Designer per ANSI/TPI 1 S	red structural sheath shown for permonent or 310, as applicable Joint Details, unless r	AND THE SEASON WAS AND THE SEASON OF THE SEA	Refer			- 12 - 12		8.0	`	11 11.	1	`  `	11 11,	1.4	10 10	- 1	{ I	- 1 - 1	10 10"	1 1	o v	1 1		น์ ณ์ จ จ	9 7.	Group	"L" Brace
ccsafe.org	on from this dr hipping, installating, indicates acc is indicates acc autablity and with and with an account of the account of	sheathing and tanent lateral licable Apply nless noted o	or Sign	to chart	-*-	_/  - -*  *	— *·		About E	13 3	ijü	13 10	13 13	13 8	1	10 07 4 07		2	, 15 2.	     	; 15	10 10	1 1		10 10,	10 10	B Group	* (2) 2×4
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NG 240		DRWG A12030ENC100212	REF ASCE7-10-GAB12030 DATE 2/14/12	Refer to the Building Besigner for conditions not addressed by this detail	less than ii 6' 25X4  Frequency than ii 6' 25X4  Refer to common truss design for peak splice and heel plates.	Gable Vertical Plate Sizes  Vertical Length No Splice Less than 4 0° but 321  Greater than 4 0° but 321	'L' bracing rust be a minimum of 80% of web member length.	in 18' end zones and 4' a.c. between zones. ***For (2) 'L' braces: space nails at 3' a.c. in 18' end zones and 6' a.c. between zones.	Attach "L" braces with 10d (0.128"x3.0" min) nails % For (1) "L" brace: space nails at 2" a.c	So. Pine lumber design values based on the ALSC January 2012 ruling	with 2°0° overhang, or 12° plywood overhang	Gable end supports load from 4 0" outlookers	Provide uplift connections for 70 plf over	Gable Truss Detail Notes Vind Load deflection criterion is L/240.	cy be used with these grades.	**************************************	#C #C #C	#1 source source as a second	#	#1 & Btr	broup B		o.	21:52 #3	Southern	#2	Group A  Pine-Fir Hem-Fi	Bracing Group Species and Grades

12/09/2013

### SPACING

REQUIRED TO AVOID SPLITTING MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS GREATER SPACING MAY BE

BLOCK LOCATION, SIZE, LENGTH,GRADE AND TOTAL NUMBER AND NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING SIHT DETAIL

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS

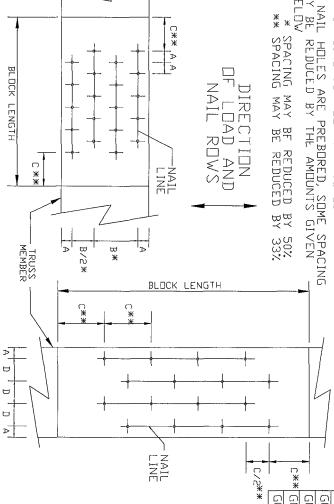
B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

EDGE DISTANCE (6 NAIL DIAMETERS)
SPACING DF NAILS IN A ROW AND END DISTANCE (15 NAIL I SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS) \_ DIAMETERS)

MAY BE



MINIMUM NAIL SPACING DISTANCES

GUN (0120"X 3",MIN)	GUN (0131"X 25",MIN)	1	GUN (0120"X 25",MIN)	16d COMMON (0162"X 35",MIN)	12d COMMON (0148"X 325",MIN)	10d COMMON (0148"X 3",MIN)	8d COMMON (0131"X 25",MIN)	20d BOX (0148"X 4",MIN)	16d BOX (0135"X 35",MIN)	12d BOX (0128"X 325",MIN)	10d BOX (0128"X 3",MIN)	8d BUX (0113"X 25",MIN)	NAIL TYPE	
7/8"	3/4"	7/8"	3/4"	5",MIN) 1'	25″,MIN) 1″	CMIND 1"	",MIN) 7/8"	N) 1"	IN) 7/8"	MIN) 7/8"	(1) 7/8"	V) 3/4"	A	וַת
						_	1		<b>├</b>	1		1		12
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ν,	1 7/8"	2"	1 7/8"	2 1/2"	2 1/4"	2 1/4" 1 1/8"	ινį	2 1/4" 1 1/8"	2 1/8"	νį	ιν̈́	1 3/4"	C **	
1"	1"	1"	1"	1 1/4"	1 1/8"	1 1/8"	1"	1 1/8"	1 1/8"	1	1"	7/8"	ם	

APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL GRAIN



Earth City MO 63045

LOAD

\*\*AVABNING\*\* READ AND FILLIDY ALL NOTES ON THIS SHETT
Trusses require entreme care in fabricating handling, shipping, installing and bracing. Refer to and
follow ECS (Bubbing Component Safety Information, by The and VICA) for safety practices prior to
performing these of cities. Installers shall provide temporary practice per ECSI Chaes shall be
performed these of cities. The total performed the present of the shall be
performed the control of the cities of th

supplications required copy of this design on the large and the processing of the process is drawing or cover page indicates occeptance and profession re truss companent design shown. The suitability and use of e responsibility of the Building Designer per ANST/TP] ! Sec. 2

CNNAILSP0109

DATE

NAIL 1/1/09

SPACE

ENG 12/09/2013

SER

JONAL

ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1V21487-Z0109115902

Truss Fabricator Anderson Truss Company

Job Identification 13-288F--Premier Building /Becker Res Floor -- 337 sw rose

Truss Count 1

Model Code Florida Building Code 2010

Truss Criteria FBC2010Com/TPI-2007 (STD)

Engineering Software

Alpine Software, Version 12.03.

Structural Engineer of Record

The identity of the structural

gineer of Record The identity of the structural EOR did not exist as of

the seal date per section 61015-31.003(5a) of the FAC

Minimum Design Loads Roof - 37.0 PSF @ 1.25 Duration

Floor - 55.0 PSF @ 1.00 Duration

Wind - 120 MPH ASCE 7-10 -Closed

Notes

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Details: STRBRIBR-DEFLCAMB-RIGINSRT-

#	Ref	Description	Drawing#	Date
1	40079-I	F1 18'8" Floor T		12/09/13
2_	40080-I	72 19 Floor Tru	13343001	12/09/13
3	40081-	F3 3'8" Floor Tr	13343003	12/09/13
4.	40082-I	F4 15 8" Floor T	13343011	12/09/13
5	40083-1	F5 15'8" Floor T	13343013	12/09/13
6	40084-1	F6 15'4" Floor T	13343005	12/09/13
7	40085-1	7 11'8" Floor T	13343006	12/09/13
8	40086-1	F8 19' Floor Tru	13343007	12/09/13
9	40087-1	F9 19 Floor Tru	13343010	12/09/13
10	40088-1	710 18'10"-Flat	13343031	12/09/13
11	40089-	F11 18'10' Floor	13343012	12/09/13
12	40090-	-FG 18'8" Gable	13343014	12/09/13
13	40091-	-FG1 19' Gable	13343004	12/09/13
14	40092-	-FG2 11'8" Gable	13343008	12/09/13
15	40093-	-FG3 19' Gable	13343002	12/09/13
16	40094-	-FG4 10' Gable	13343009	12/09/13

12/09/2013

Walter P Finn
-Truss Design Engineer-

1950 Marley Drive Haines City, FL 33844



337 sw rose creek drive Lake City - F1 18'8 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR Floor Truss)

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B (13-288F--Premier Building B2 4x2 SP M-30

/Becker Res Floor --

See detail STRBRIBR0211 for bracing and bridging recommendations

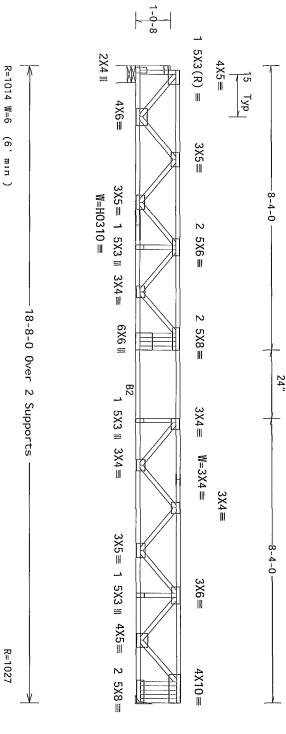
See detail DEFLCAMB0813 for

camber recommendations Max JT VERT DEFL LL 0 28" 무 0 23

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up



R=1027 H=H1

20 Gauge HS, Wave FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

Design Crit

12.03

0:YTD

FL/-/4/-/-/R/-

Scale = .375"/Ft. R9114- 40079

TC LL

10.0 PSF 40.0 PSF

DATE REF

12/09/13

PLT TYP.

Trusses require extreme care in fabricating bending ship pig installing and bracing Refer to follow the latest edition of BSS1 (Building Component Safety Information by TPI and WFOx) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BSS1 (Buildess noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached rigid calling Locar one shown for permanent lateral restraint of web shall have a properly attached rigid calling Locar one shown for permanent lateral restraint of web shall have a properly attached rigid calling Locar one shown for permanent lateral restraint of web shall have a properly attached rigid calling Locar one shown for permanent lateral restraint of web shall have a properly attached and rigid shall have a properly attached atta \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'W Building Components Group Inc (I'WBGG) shall not be responsible for any deviation from this yy failure to build the truss in conformance with AUS/TPI 1 or for handling shipping installate to build the truss in conformance with AUS/TPI 1 or for handling shipping installated to the trust of the second of the building the

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

ALPINE

BC DL BC LL TC DL TOT.LD.

DUR.FAC. SPACING 1.00 24.0" JREF-1V21487\_Z01

55.0

PSF

SEQN-

0.0 PSF 5.0 PSF

HC-ENG SSB/WPF DRW HCUSR9114 13343030

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B B2 4x2 SP M-30 Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker

Res Floor

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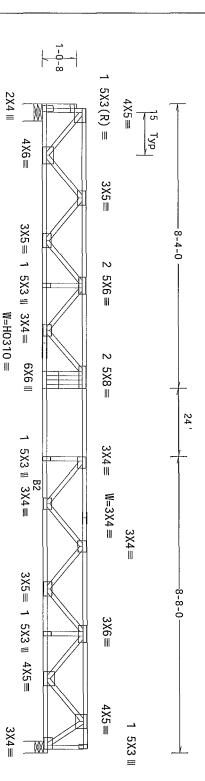
See detail STRBRIBR0211 for bracing and bridging recommendations

 $\mbox{\it Max}$  JT VERT DEFL LL 0 32" DL 0 25" See deta: I DEFLCAMB0813 for camber recommendations

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Deflection meets L/360 live and L/360 total load. Creep increase factor for dead load is 1.50  $\,$ 

Truss must be installed as shown with top chord up



19-0-0 Over 2 Supports R=1031 W=4" (4" min )

ALPINE

Ŧ

20

Gauge HS, Wave

R=1034 W=6

(6" mın )

ITW Building Components Group

Orlando FL, 32837 FL COA #0 278

"WARNING" READ AND FOLLOW ALL MOTES ON THIS SHEET!
"WARNING" READ AND FOLLOW ALL MOTES ON THIS SHEET!
TRUSSES FEQU. TO EXECUSE ON TO ALL CONTRACTORS INCLUDING INSTALLERS
Trussess requ. TO exercise cure, in fabr cate of handling shipping installing.

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=12%(0%)/0(0)

12.03.

QTY:4

FL/-/4/-

/-/R/-

CENS

BC DL

TOT.LD.

55.0 PSF

HC-ENG SEQN-

22824

5.0 PSF 0.0 PSF TC DL

40.0 PSF 10.0 PSF

DATE

12/09/13

REF R9114- 40080

Scale = .375"/Ft.

DRW HCUSR9114 13343001

SSB/WHK

TC LL

Trusses require extreme care in fabr cating handing shipping installing and bracing Refer to and follow the latest edition of 8631 (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per 8631 (bliess noted otherwise top chord shall have properly attached structured shaething and bottom chord shall have a properly attached rigid can ing. Locations shown for permanent lateral restraint of websits and have a properly attached rigid can ing.

ITW But iding Components Group inc. (ITWBGD) shall not be responsible for any day ation from this design any fat lure to build the trusts in conformance with MSI/TPI 1 or for handing ab pining installation bearing of trustees. Apply plates to each face of trust and post of an abnown above and on the Joint Details unless ended otherwise. Refor to drawings 160A-2 for sendard plates post times. A sent on this drawing or cover page listing this drawing not cares acceptance of profess and implicating trapposibility of the Building Designer. The suitability and use of this design for any structure is the responsibility of the Building Designer, AMSI/TPI 1 Sec 2 were more information see. This job is the responsibility of the Building Designer, AMSI/TPI 1 Sec 2 were more information see.

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SPACING

1.00 24.0"

JREF-

1V21487\_Z01

337 sw rose creek drive Lake City - F3 3 8 Floor Truss )

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ 

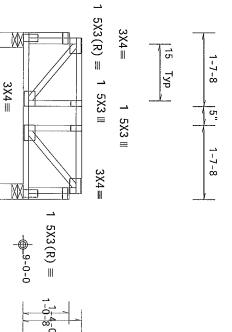
Truss must be installed as shown with top chord up

Creep increase

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by}\ \mbox{ALSC}$ 

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building /Becker Res Floor --



R=189 W=4" (4' min ≪3-8-0 Over 2 Supports > 2X4 III

3X4 =

2X4 III

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0) R=189 W=4' (4" min )

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS PLT TYP

Wave

Trusses require extreme care in fabricating banding shipping installing and bracing Refer to an foliow the latest edition of 863 (Building Component Sefety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCS linies noted otherwise top chord shall have properly attached structurals shaathing and bottom chord shall have a properly attached rigid coulling. Locations shown for permanent lateral restraint of webs shall have a properly attached rigid coulling.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any own stion from this design any far lure to build the trues a conformace with MSU(TP) 1 or for handing a hipping a Kalliation bracing of trueses. Apply plates to each face of trues and position as shown above and on the Joint Octalis unless motered otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the foreign cover page listing this drawing indicates acceptance of profess on a regimenting of drawing or cover page listing this drawing indicates acceptance of profess on the regimenting of the design shown. The suitability and use of this design for any structure in the responsibility of the Building Designer per MSU(TP) 1 Sec 2. For more information see. This job the responsibility of the Building Designer per MSU(TP) 1.

This job s 12.03 2/09/2013 0TY:5 BC DL BC LL DUR.FAC. TC DL TC LL TOT.LD FL/-/4/-/-/R/-55.0 PSF 10.0 PSF 40.0 PSF 1.00 0.0 PSF 5.0 PSF

SPACING 24.0" JREF- 1V21487\_Z01

SEQN-

22770

HC-ENG

SSB/WHK

DRW HCUSR9114 13343003

DATE

12/09/13

REF R9114- 40081

Scale =.5"/Ft.

337 sw rose creek drive Lake City -F4 15'8 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR Floor Truss )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor --

Lumber grades designated with "13B' use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

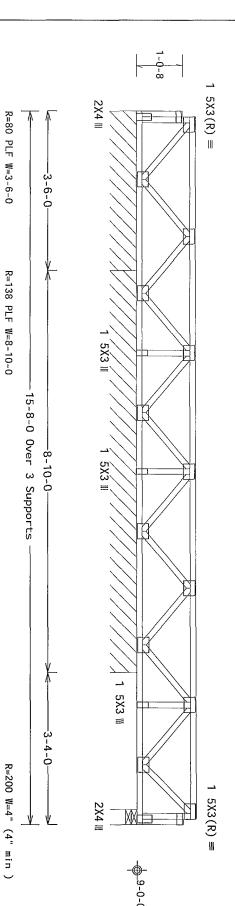
See detail STRBRIBR0211 for bracing and bridging recommendations

Creep increase

Deflection meets L/360 live and L/360 total load factor for dead load is 1.50  $\,$ 

Truss must be installed as shown with top chord up

15' Typ



Note All Plates Are 3X4 Except As Shown. Design Crit

ITW Building Components Group Inc (ITWBCC) shall not be responsible for any deviation from this design any failure to build the truss in conformance with AMSI/TPI 1 or for handling shipping installation & bracing of trusses Apply plates to each face of truss and position as shown above and on the Joint Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover page 11st ing this drawing ind carets acceptance of professional ong nearing responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AMSI/TPI 1 Sec 2. For more information see. This jobs general notes page 11W-BCC www timbeg com. TPI www.tpinst.org MTCA www.sbc.industry.com.

ITW Building Components Group

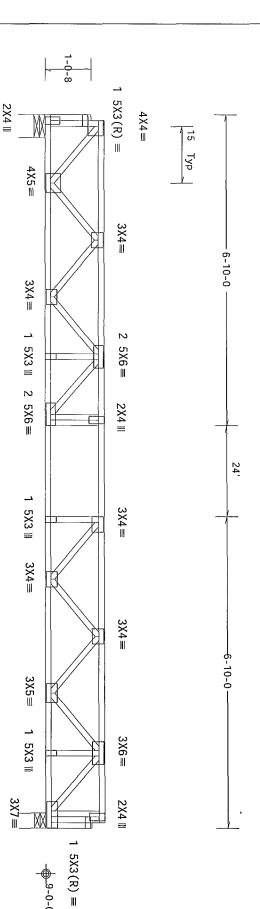
ALPINE

Orlando FL, 32837 FL COA #0 278

09/2013	To San	N.E.	9 Yuun	 *	iniun,	A PARTY
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	IC LL
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF	40.0 PSF
JREF- 1V21487_Z01		SEQN- 22875	HC-ENG SSB/WHK	DRW HCUSR9114 13343011	DATE 12/09/13	REF R9114- 40082

Scale =.5"/Ft.

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR (13-288F--Premier Building /Becker Res Floor -- 337 sw rose creek drive Lake City - F5 15'8' Floor Truss ) Truss must be installed as shown with top chord up Deflection meets L/360 live and L/360 total load Creep increase factor for dead load is 1 50  $\,$ See detail STRBRIBR0211 for bracing and bridging recommendations



FL COA #0 278	ITW Building Components Group Inc.		ALP I NE	<u>\</u>	>		PLT TYP Wave
	drawing or cover page listing this drawing indicates acceptance of profess onal regineering respons bit by solely for the design shown. The suitability and use of this design for any structure is the respons bit by of the 6w iding Designer per AMSI/TPI 1 Sec 2 For more information see. This job's	bracing of trusses Apply plates to each face of truss and post on as shown above and on the Joint Details unless noted otherwise Refer to drawings 160A-Z for standard plate posttions. A seal on this	I'll Bu Iding Components Group Inc (ITUBCC) shall not be respons ble for any dev ation from this design	Unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid coiling Locations shown for permanent lateral restrant of webs	Trusses require extreme care in fabricating handing shipping noscalling and bracing. Refer to and follow the latest of tion of BCS1 (Building Component Safety information by TP) and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing par BCS1.	**!WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!  FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS	Design Crit FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0) 12.03.C
12/09/2013	SONAL ENG	O ZORION	MATE OF A	No. 22839		A CENT ON	04-57-24-4-3
3		-48/4A	umm	HIBIH	Wilin.		QTY:
SPACING 24.0"	DUR.FAC. 1.00	TOT LD	BC LL	BC DL	TC DL	TC LL	QTY:4 FL/-/4/-/-/R/-
24.	1.0	55.0 PSF SEQN- 22820	0.0 PSF HC-ENG SSB/WHK	5.0 PSF DRW HCUSR9114 13343013	10.0 PSF DATE	40.0 PSF REF R9114- 40083	-/-/R/-
0"	0	PSF	ŠF	Ti	П	П	

R=844 W=6' (6" min )

15-8-0 Over 2 Supports

R=854 W=4" (4" min )

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

( 13-288F--Premier Building /Becker Res Floor -- 337 sw rose creek drive Lake City - F6 15'4" Floor Truss )

Top chord 4x2 SP #1-13B

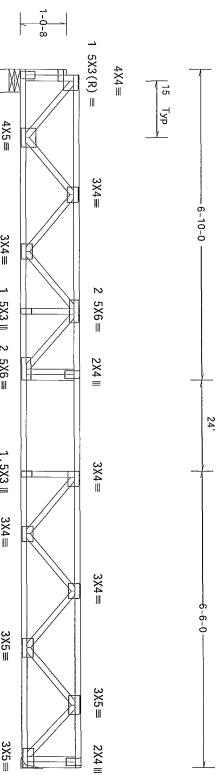
See detail STRBRIBR0211 for bracing and bridging recommendations

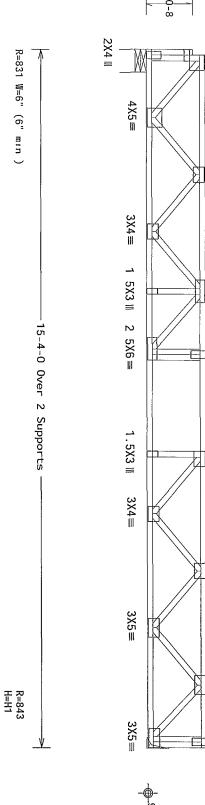
Ref chard 4x2 SP #1-12B

Top chord 4x2 SP #1-138 Bot chord 4x2 SP #1-138 Webs 4x2 SP #3-138 Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Deflection meets L/360 live and L/360 total load. Creep increase factor for dead load is 1.50  $\,$ (J) Hanger Support Required, by others

Truss must be installed as shown with top chord up





Orlando FL 32837 general notes page ITW BCG www itwoog com TP1 www tpinst org WTCA www sbcindustry com FL COA #0 278 ICC www iccsafe org	eroup inc.	any railure to build the truss in conformance with was I/I/I of for handing sin ping inscallanting bracing of trusses Apply plates to each face of truss and post on as shown above and on the Johnt Details unless nacted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the	ALPINE shall have bracing installed per BCSI sections B3 B7 or B10 as applicable  ITW Building Components Group Inc (ITWBCG) shall not be respons bit for any deviation from this de	biosecond prior to be intering the content of interior and the content of the con	Trusses require extreme care in fabricating bandling shipping installing and bracing Refer to another the latest edit on of BCS] (Su joing Component Safety information by TPI and WTCA) for safety information the property beginning and RCS.	**WARNING** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS	Design Crit FBC2010Com/TP1-2007(STD) PLT TYP Wave FT/RT=12%(0%)/0(0)
w sbcindustry com	sional engineering is des gn for any structure is e information see This job s	own above and on the Joint attempts the street on the stre	any dev ation from this deli	sheathing and bottom chord	ing and bracing Refer to any by TP1 and WTCA) for safety	8	
HAIO COM	LORIU CON	799	100	No. 22839	O CENSA THE	TER P. Com	12.03.04 <u>0325</u> 13
	····	-184	literet				QTY:5
SPACING 24.0"	DUR.FAC. 1.00	TOT.LD.	BC LL	BC DL	TC DL	TC LL	QTY:5 FL/-/4/-/-/R/-
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF	40.0 PSF	-/-/R/-
JREF- 1V21487_Z01		TOT.LD. 55.0 PSF SEQN- 22818	0.0 PSF HC-ENG SSB/WHK	5.0 PSF DRW HCUSR9114 13343005	10.0 PSF DATE 12/09/13	40.0 PSF REF R9114- 40084	Scale =.5"/Ft.

12/09/2013

sw rose creek drive Lake City -THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F7 11'8" Floor Truss )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP M-30 Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor

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337

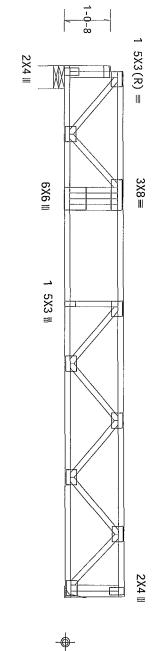
See detail STRBRIBR0211 for (J) Hanger Support Required, bracing and bridging recommendations by others

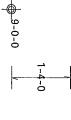
Lumber grades designated with "13B" 1/30/2013 by ALSC use design values approved

> Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up







R=629 ₩=6" (6" min ) 11-8-0 Over 2 Supports R=642 H=H1

Note All Plates Are 3X4 Except As Shown. Design Crit

TYP.

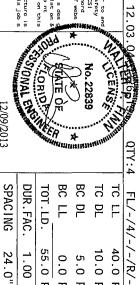
Wave Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a frollow the latest edition of BCSI (Building Component Safety Information by TPI band WCLA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI billies noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in discussion of the properly attached in discussions. · IMPORTANT · · \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TP1-2007 (STD) FT/RT=12%(0%)/0(0)

ITW But Id in Components Group Inc. (ITWEGG) shall not be responsible for any deviate on from this design any failure to as unit de trusts in confrommond with MRSI/TPI 1 or for handling shipping materiality on bracing of trusses. Apply plates to each face of truss and position as shown above, and on the Joint Data is, unless noted otherwise. Before to growing 1804-2 for scandard plate positions. A seal on this drawing or cover page listing this showing indicates acceptance of Professional engineering croppersibility solicity for the does in shown in Indicates acceptance of Professional engineering the responsibility solicity for the does in shown in Indicates acceptance of this design for any structure in the responsibility of the Building Does given prof. ARSI/TPI 1 Sec. 2 For more information see.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



TC DL 10.0 PSF DATE 12/09 BC DL 5.0 PSF DRW HCUSR9114 13 BC LL 0.0 PSF HC-ENG SSB/WH TOT.LD. 55.0 PSF SEQN- 22814 DUR.FAC. 1.00 SPACING 24.0" JREF- 1V21487	09/2013	A.	A LE	R	M MIRN	******
	SPACING	DUR.FAC.	TOT.LD.	BC LL		TC DL
DATE 12/09 DRW HCUSR9114 13 HC-ENG SSB/WH SEQN- 22814  JREF- 1V21487	24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF
	JREF- 1V21487_Z01			HC-ENG SSB/WHK	DRW HCUSR9114 13343006	DATE 12/09/13

40.0 PSF

REF Scale =

R9114-.5"/Ft.

40085

City -F8 19 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR Floor Truss Girder )

chord 4x2 SP #1-13B chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor --

337 sw rose creek drive Lake

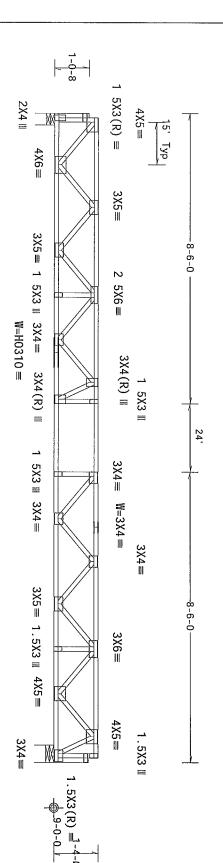
See detail STRBRIBR0211 for bracing and bridging recommendations

camber recommendations Max JT VERT DEFL LL 0 <u>ω</u> 尸 0 23" See detail DEFLCAMBO813 for

Lumber grades designated with '13B" use design values approved  $1/30/2013\,$  by ALSC

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up



R=1032 ₩=4 (4" min ) 19-0-0 Over 2 Supports R=1032 W=6" (6" min )

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Design Crit

FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

PLT TYP

20 Gauge HS, Wave

Trusses require extreme care in fabr cat may handling shipping installing and bracing Refer follow the latest edition of BGSI (Building Component Safety information by TPI and WTCA) for say practices prior to performing those functions. Installiers shall provide temporary bracing paper BCS indicates noted otherwise top chord shall have properly attached rigid conting Locations shall have a properly attached rigid conting Locations shall have a properly attached rigid conting to the properly attached per BCSI sections B3 B7 or B10 as applicable

ITW Building Components Group inc (ITMBGC) shall not be respons bite for any deviation from this any failure to build the truss in conformance with ANS/I/Pil 1 or for handling shipping install bracing of trusses. Apply places to each face of truss and position as shown above and on the Joi Details unless noted exhemise. Refer to drawings 180A-Z for standard plate positions. A seal crawing or cover page listing this drawing not decrease acceptance of professional engineers in Graspons bility of the Building Das grane par ANS/I/TPI 1 Sez 2 for more information see. This general notes page ITM BGC www. twocg com TPI www.tpinstorg WTCA www.sbcindustry.com

10 00 00 10	is job s	JOH	A THE OF A	of webs miles		CENSOLA	12.03.04 1576 DT 0T
SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL	QTY:1 FL/-/4/-/-/R/-
24 N"	1.00	55 0 P	0.0 P	5 0 P	10.0 P	40.0 P	-/-/R/-

40.0 10.0 PSF 5 0 PSF

PSF

Scale =.375"/Ft. R9114-

DATE REF

12/09/13 40086

DRW HCUSR9114 13343007

12/09/2013	AL END	RIO	THE OF THE PERSON NAMED IN
SPACING	DUR.FAC.	TOT LD	- BC F
24.0"	1.00	55 0 PSF	0.0 PSF
JREF- 1		SEQN-	HC-ENG SSB/WHR
1V21487_Z01		22834	SSB/WHK

sw rose creek drive Lake City -F9 19 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR Floor Truss )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B Max JT VERT DEFL See detail STRBRIBR0211 LL 0 31 ' for 무

( 13-288F--Premier Building

/Becker Res Floor --

337

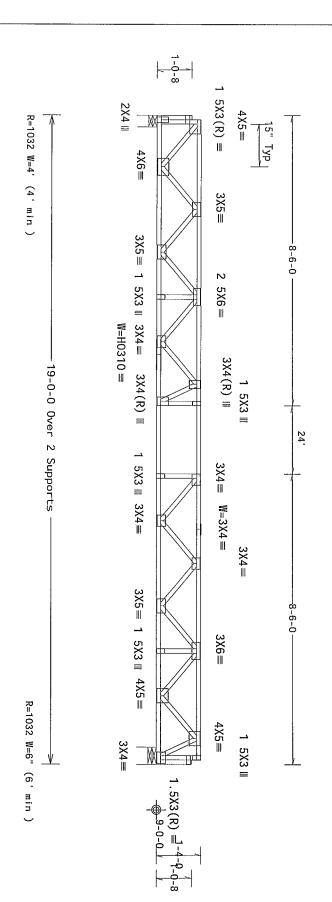
Lumber grades designated with "13B" 1/30/2013 by ALSC use design values approved

Truss must be installed as shown with top chord up

bracing and bridging recommendations

camber recommendations 0 23" See detail DEFLCAMBO813 for

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

· · IMPORTANT • • \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=12%(0%)/0(0)

12.03

QTY.

. 6

FL/-/4/-/-/R/-

Scale = .375"/Ft. R9114- 40087

PLT TYP

20 Gauge HS

, Wave

Trusses require extreme care in fabricating handling shipping institling and bracking. Refer to an follow the latest edition of BGSI (Building Component Safety Information by Tell and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracking per BCSI linkes noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid occiling. Locations shall have a properly attached rigid to cling. Locations shall have a properly attached rigid to cling. Locations shall have a properly attached rigid to cling. Locations shall have a properly attached rigid to cling. Locations shall have a properly attached per BCSI sections B3 B7 or B10 as applicable.

I'W But ding Components Group Inc. (ITWBCG) shall not be respons bie for any deviation from this design of future to build the truss in conformance with ANS/TPI 1 or for handling shaping naturilation from the future of trusses. Apply platters to each foco of futuss and position as shown above and on the Joint

CENS 12/09/2013 BC DL TC DL SPACING DUR.FAC. TOT LD C F 55 0 PSF 10.0 PSF 40.0 PSF

0.0 PSF 5.0 PSF

HC-ENG

SSB/WHK

DRW HCUSR9114 13343010

DATE REF

12/09/13

SEQN-

22776

24.0" 1.00 JREF-1V21487\_Z01

(13-288F--Premier Building /Becker Res Floor --

Top chord 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E Webs 2x4 SP #3-13B W2, W4, W12 2x4 SP #2-13B W14 2x4 SP #1-13B

Lumber grades designated with 1/30/2013 by ALSC 13B" use design values approved

Special loads TC- From 27 plf at 0 00 t BC- From 10 plf at 0 00 t TC- 1026 80 lb Conc Load at 0 15,12 15,14 15,16 15,18 15 1 25 / Pla 0 00 to 0 00 to Plate ate Dur Fac =1 25) 27 plf at 18 83 10 plf at 18 83 2 15, 4 15, 6 15, 8

Wind loads and reactions based on MWFRS

Max JT VERT DEFL LL 0 50" DL 0 64' See detail DEFLCAMB0813 camber recommendations Roofs incorporating this truss require consideration for ponding design by Building Designer for

Truss must be installed as shown with top chord up

## 2 COMPLETE TRUSSES REQUIRED

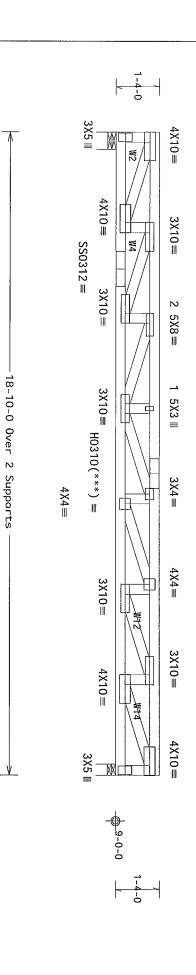
Nail Schedule 0 131 x3", min Top Chord 1 Row @ 3 25" o c Bot Chord 1 Row @12 00" o c Webs 1 Row @ 4' o c nails

Use equal spacing between rows and stagger nails in each row to avoid splitting

(\*\*\*) 20 gauge Metal Plate or strap, distribute reaction at joint Refer information to detail RIGINSRT1210 for more

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, anywhere in roof, RISK CAT II, EXP B, wind DL=5 0 psf GCpi(+/-)=0 18 Deflection meets L/240 live and L/180 total factor for dead load is 1 50  $\,$ TC DL=3 5 psf, load Creep increase Located , wind BC

Calculated vertical deflection to dead load at X = 8-1-2ıs O 50 due ç live load and 0 64" due



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

\*\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

PLT

ΤYP

20 Gauge HS,18 Gauge Wave

,SH

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

12.03.04

QTY.1

FL/-/4/-/-/R/-

20.0 PSF

REF

Scale =.375"/Ft. R9114- 40088

R=5325 U=11 W=4" (4" mın )

R=4609

U=12

₩=6"

6

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Trusses require extreme care in fabr cating handing shipping installing and bracing Refer to follow the latest edition of BGS1 (Building Component Safety Information by FPI and WTCA) for safety practices prior to performing these functions. Installiors shall provide temporary bracing per BCS1 billions noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached rigid coil ing Locations shown for permanent lateral restraint of well shall have a properly attached rigid coil ng Locations shown for permanent lateral restraint of well shall have a properly attached rigid coil ng Locations shown for permanent lateral restraint of well shall have a properly attached rigid coil ng Locations shown for permanent lateral restraint of well shall have a properly attached rigid coil ng Locations shall have a properly attached rigi

I'll Building Components Group inc (I'NBCG) shall not be responsible for any deviat on from this any failure to build the cruss in conformance with ANSI/IPI 1 or for handling ship pig installation bracing of trusses. Apply places to each face of trusts and position as shown above and on the Join Details unless neede otherwise. Refer to drawings 160A-Z for standard plate position is shown above and on the Join Details unless neede otherwise. Refer to drawings 160A-Z for standard plate positions. A seal or drawing or cover page listing this drawing indicates acceptance of professional range needed in the design shown. The suitability and use of this dos go for any structure responsibility of the design shown. The suitability and use of this dos go for any structure responsibility of the Building Designer par ANSI/TPI 1 Sec 2. For more information see. This general notes page ITW-BCG www.itwbcg.com. TPI www.tpinst.org. WTCA www.sbcindustry.com.

CENS No. 22839 BC DL TC DL TC LL

BC LL DUR.FAC. SPACING TOT.LD. 37.0 1.25 24.0" 10.0 PSF 0.0 PSF 7.0 PSF PSF SEQN-DRW HCUSR9114 13343031 DATE HC-ENG JREF-11/21487 SSB/WPF 12/09/13 22951 Z01

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR 337 sw rose creek drive Lake City - F11 18'10' Floor Truss )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B (13-288F--Premier Building /Becker Res Floor --See detail STRBRIBR0211 for bracing and bridging

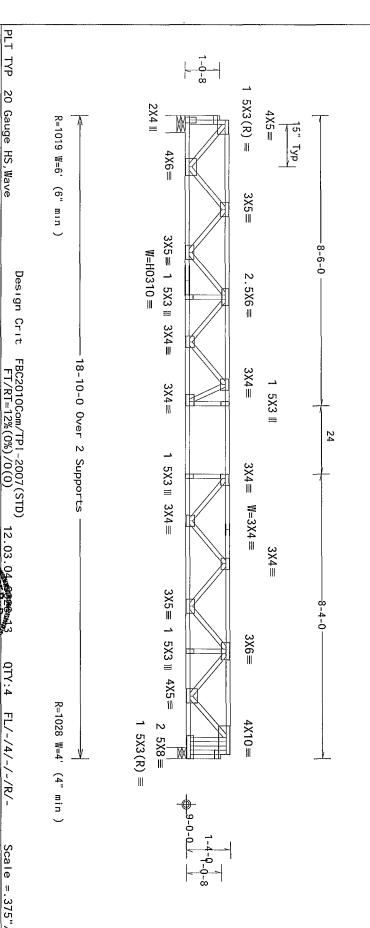
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Truss must be installed as shown with top chord up

recommendations

Max JT VERT DEFL LL 0 29" camber recommendations 믿 0 23" See detail DEFLCAMBO813 for

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

12.03.0

QTY:4

FL/-/4/-/-/R/-

REF DATE

12/09/13

Scale = .375"/Ft. R9114- 40089

PLT TYP

20 Gauge HS, Wave

Trusses require extreme care in fabr cating bandling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI) and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI blicks noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly strated rigid conting. Locations shown for permanent lateral restraint of webshall have a properly attached rigid conting.

CENS ORIO ENGIN 12/09/2013 BC DL BC LL TC DL SPACING DUR. FAC. TC LL TOT LD. 24.0" 1.00 55.0 PSF 10.0 PSF 40.0 PSF 0.0 PSF 5.0 PSF

JREF-

1V21487\_Z01

SEQN-

22782

HC-ENG SSB/WHK DRW HCUSR9114 13343012

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor --

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

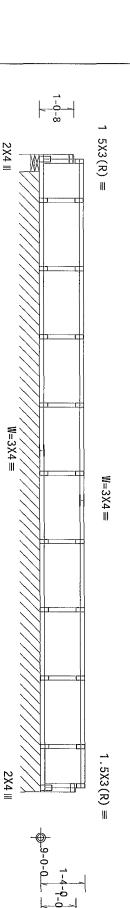
Sheathing is required for any longitudinal(drag) forces All connections to be designed by the building designer

See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is  $1\ 50$ Creep increase

Truss must be installed as shown with top chord up

Fasten rated sheathing to one face of this frame



18-8-0 Over 2 Supports

R=49 W=6" (6' min ) R=109 PLF W=18-2-0

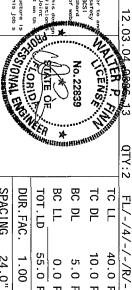
Note All Plates Are 1 5X3 Except As Shown. Design Crit

PLT TYP Wave Trussos require extreme care in fabricating handling shipping installing and bracking Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracking per BCSI fullices noted otherwise top chord shall have properly attached structural shouthing and bottom chord shall have a properly attached rigid cert ing. Locations shown for permanent lateral restraint of wedshall have a properly attached rigid cert ing. \*\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

ITW Building Components Group Inc (1) any failure to build the truss in conforter to the truss in conforter the truss in conforter the truss in conforter the truss of the truss in conforter the truss need otherwise. Refer the truss of the truss in the

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

**ALPINE** 



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	SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL	TC LL
	24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF	40.0 PSF
	JREF- 1V21487_Z01		SEQN- 22828	HC-ENG SSB/WHK	DRW HCUSR9114 13343014	DATE 12/09/13	REF R9114- 40090

Scale = .375"/Ft.

sw rose creek drive Lake City -FG1 19 Gable THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor --

337

See detail STRBRIBR0211 for bracing and bridging recommendations

Webs 4x2 SP #3-13B

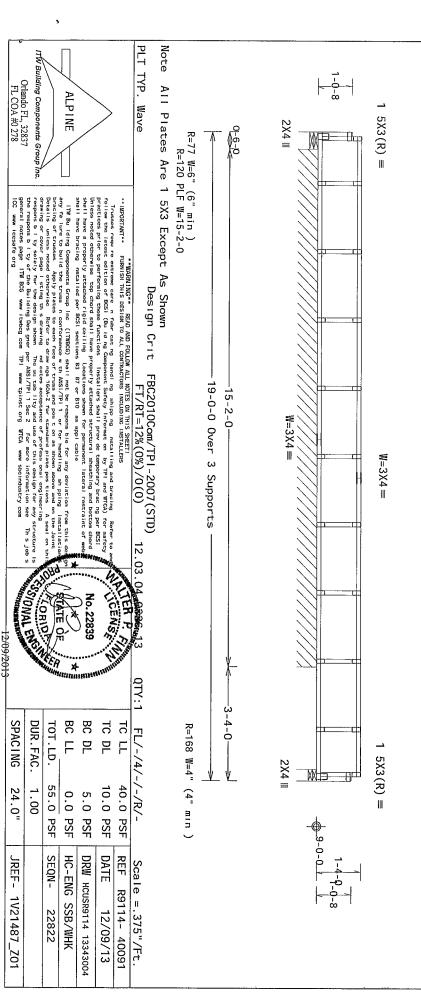
Deflection meets L/360 live and L/360 total load. Creep increase factor for dead load is 1.50  $\,$ 

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Truss must be installed as shown with top chord up

Sheathing is required for any longitudinal (drag) forces A connections to be designed by the building designer

Fasten rated sheathing to one face of this frame



THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F--Premier Building

/Becker Res Floor --

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

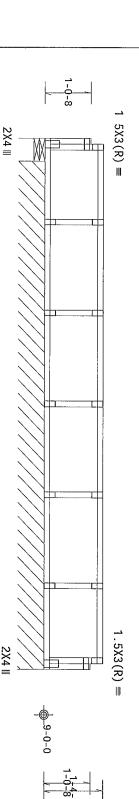
Sheathing is required for any longitudinal(drag) forces All connections to be designed by the building designer

See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is 1.50  $\,$ Creep increase

Truss must be installed as shown with top chord up

Fasten rated sheathing to one face of this frame



R=81 W=6' (6" mın ) R=105 PLF W=11-2-0

11-8-0 Over 2 Supports

All Plates Are 1.5X3 Except As Shown.

Note

PLT TYP Wave \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

\*\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit. FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

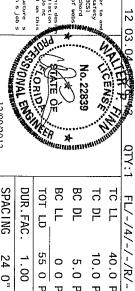
Trusses require extreme care in fabricating handling shipping installing and bracing. Refer to a follow the latest edition of BOSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bliness noted otherwise top chord shall have properly attached structural sheathing and bettem chord shall have a properly attached rigid certifing. Locat ons shown for permanent lateral restraint of webshall have a properly attached rigid certifing.

Th s job s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



12/09/2013 BC DL TC DL BC LL DUR.FAC. SPACING TOT LD 55 0 24 0" 1.00 0 10.0 PSF 40.0 PSF 5.0 PSF PSF PSF DATE REF SEQN-DRW HCUSR9114 13343008 JREF - 1V21487\_Z01 HC-ENG R9114- 40092 SSB/WHK

22826

Scale = .5"/Ft.

12/09/13

( 13-288F--Premier Building /Becker Res Floor --THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by}\ \mbox{ALSC}$ 

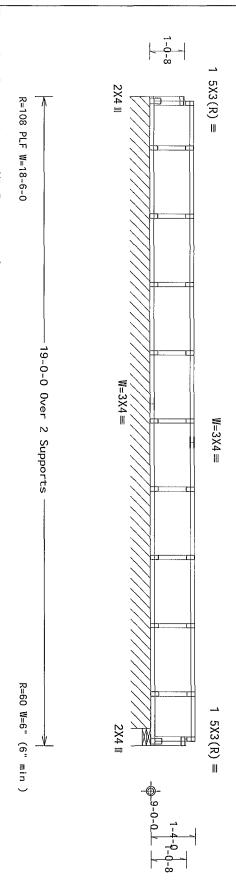
Sheathing is required for any longitudinal (drag) forces connections to be designed by the building designer A

> See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up

Fasten rated sheathing to one face of this frame



Note: All Plates

PLT TYP Wave Are 1.5X3 Except As Shown

Design Crit. FBC2010Com/TPI-2007(STD)

FT/RT=12%(0%)/0(0) \* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

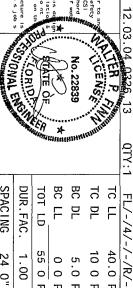
Trusses require extreme care in fabricating handling shipping installing and bracing follow the latest edit on of BCSI (Building Component Safety Information by TPI and MTCA) practices prior to performing these functions. Installiers shall provide temporary bracing liniess noted otherwise top chord shall have properly attached structural shaething and bot shall have a properly attached rigid celling. Locations shown for permanent lateral restrains that the properly attached rigid celling. ac ng Refer to a WTCA) for safety wac ng per BCSI and bottom chord Vo. 22839

I'll Bull ding Components Group inc. (I'NBGD) shall not be respons ble for any dow stion from this any fa lunc to suited the cruss in conformance with MSI(TP) in or for handing also ping netallish bearing of trusses a Apply plates to each face of truss and MSI(TP) in or for handing also ping as ping in extension bearins included plate post one of the down of the post of the post of the down of the post of the post of the down of the d see com

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



12/09/2013	To the state of th	No. IN	ER	**************************************	 Жини	Manual Control of the	T. S.
	SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
	24 0"	1.00	55 0 PSF	0 0 PSF	5.0 PSF	10 0 PSF	40.0 PSF
	JREF- 1V21487_Z01		SEQN- 22797	HC-ENG SSB/WHK	DRW HCUSR9114 13343002	DATE 12/09/13	REF R9114- 40093

Scale = .375"/Ft.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

load

Creep increase

( 13-288F--Premier Building /Becker Res Floor 1 337 sw rose creek drive Lake City - FG4 10' Gable ) Deflection meets L/360 live and L/360 total factor for dead load is 1  $50\,$ 

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

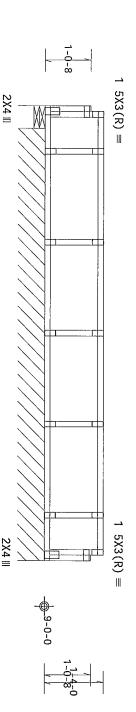
use design values approved

Lumber grades designated with "13B' 1/30/2013 by ALSC

Sheathing is required for any longitudinal(drag) forces connections to be designed by the building designer Truss must be installed as shown with top chord up

Α

Fasten rated sheathing to one face of this frame



R=21 W=6" (6" min ) R=111 PLF W=9-6-0 10-0-0 Over 2 Supports

Note All Plates Are 1 5X3 Except As Shown

PLT TYP Wave Design Crit FBC2010Com/TP1-2007 (STD) FT/RT=12%(0%)/0(0)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 I'W Building Components Group .....
I'W Building Components Group .....
any failure to build the truss in comforman
bracing of trusses a Maply plates to each f
Deta is unless noted otherwise. Refer to
Deta is unless noted otherwise. Refer to
drawing or coover page ilsting this drawing
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the responsibility of the Building Designs
the responsibility of the Building Trusses require extreme care in fabr eating handling shipping installing and bracing. Refer to follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI (bliess noted otherwise top chord shall have properly attended structural sheathing and bettom chord shall have a properly attended rigid continuous canes shown for permanent lateral restraint of west shall have a properly attended rigid continuous canes shown for permanent lateral restraint of west shall have a properly attended rigid continuous canes shown the properly attended rigid continuous canes shall have a properly attended rigid continuous canes can shall have a properly attended rigid continuous canes can be shall have a properly attended rigid continuous canes can shall have a properly attended rigid continuous canes can be recommended by the continuous canes. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
\*\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS ine (ITMBGG) shall not be responsible for any deviation from this in conformance with AMSI/TPI 1 or for handling shipping installates to each face of fruss and post to mis shown above and on the location and according to the standard place positions. A seel of Refer to drawings 160A-2 for standard place positions. A seel of CENSE BC LL BC DL DUR.FAC. TC DL TC LL TOT LD 55.0 PSF 10 0 PSF 40 0 PSF 1.00 0 0 PSF 5 0 PSF SEQN-DATE REF HC-ENG DRW HCUSR9114 13343009 Scale = 5"/Ft. R9114- 40094 SSB/WHK 22792 12/09/13

12 03 04

QTY.1

FL/-/4/-/-/R/-

ALPINE

12/09/2013

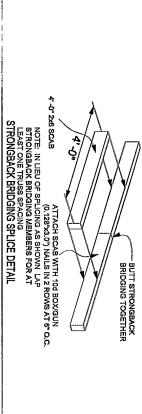
SPACING

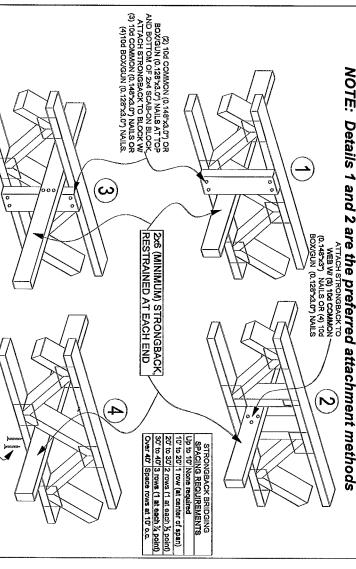
24.0"

JREF-

1V21487\_Z01

# STRONGBACK BRIDGING RECOMMENDATIONS





- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- graded lumber." All strongback bridging and bracing shall be a minimum 2x6 "stress
- is recommended at 10' -0" o.c. (max.) floor system. 2x6 strongback bridging, positioned as shown in details, individual trusses, resulting in an overall increase in the stiffness of the The purpose of strongback bridging is to develop load sharing between
- distribution of point loads between adjacent truss, strongback bridging a truss system to help control vibration. In addition to aiding in the any floor or roof system. Refer to the Truss Design Drawing (TDD) for The terms "bridging" and "bracing" are sometimes mistakenly used point loads, such as footsteps serves to reduce "bounce" or residual vibration resulting from moving "Bridging," particularly "strongback bridging" is a recommendation for the bracing requirements for each individual truss component. interchangeably. "Bracing" is an important structural requirement of

**Building Compents Group Inc.** of strongback bridging and therefore is strongly recommended by ITW The performance of all floor systems are enhanced by the installation

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).



DATE OF THE PARTY	TC LL	PSF	REF
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STRBRIBR0211 2/28/11 STRONGBACK

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

ATTACH STRONGBACK TO BOTTOM CHORD WITH (2) #10 - 3" SCREWS

Earth City MO 63045

### Commentary

application of loads Providing camber has the Camber may be built into trusses to compensate following advantages for the vertical deflection that results from the

- Helps dead loads are applied to ensure level ceilings and floors after
- facilitates drainage to avoid ponding on flat or low slope roofs
- Compensates for different deflection characteristics between adjacent trusses
- Improves appearance of and other long spans that can appear garage door headers to "sag"
- Avoids "dips" in roof ridgelines at the transition from the gable to adjacent clear span trusses

criteria for flat or low-slope roofs subject to ponding to ponding that may occur due to the design of the roof dramage system The Building Designer shall also specify any dead load, live load, and in-service creep deflection location, direction, and magnitude of all loads attributable In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the

span, loading, application, etceteras The amount of camber is dependent on the truss type

control vibration slenderness ratio (L/D) may be required to help More restrictive limits for allowable deflection and

more stringent limitations recommendations, or past experience may warrant using codes may exist that require exceeding these limiting deflection and estimating camber The following tables are provided as guidelines for Conditions 9

### Deflection and Camber

Span of Truss (inches)

H Depth of Truss at Deflection Point (inches)

# Recommended Truss Deflection Limits

<u>Truss Type</u>	<u> </u>	<u>Deflection Limits</u> Live Load	<u>Limits</u> Total Load
Pitched Roof Trusses	ທ 4	L/240 (vertical)	L/180 (vertical)
Floor of Room-In-Attic Trusses	S 4.	L/360 (vertical)	L/240 (vertical)
Flat or Shallow Pitched Roof Trusses	ี 4	L/360 (vertical)	L/240 (vertical)
Residential Floor Trusses	л 4	L/360 (vertical)	L/240 (vertical)
Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)
Scissors Trusses	Ω 4	075" (horizontal)	125" (horizontal)
Truns Type Re		Recommended Camber	

Pitched Trusses	Truss Type	
100 x Deflection from Actual Dead Load	Recommended Camber	

Chord Trusses	Sloping Parallel
Actual Dead Load	15 x Vertical Deflection from

	Flat Roof Trusses		Floor Trusses
(15 x Design Dead Load Deflection)	(025 x Deflection from Live Load) +	Actual Dead Load	(025 x Deflection from Live Load) +

Note The actual dead the the design dead load load may be considerably less than

Design Dead Load Deflection)



\*\*\*MPERTANT\*\* FURNISH THIS BRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping installing and bracing. Refer to and practices prior to performing these functions. Installing shipping installing parameters for a first shipping for participations. Installing shipping shipping shipping participations of the shipping shipping

ITV Building Components (Group Inc. shall not be responsible or any deviation from this drawing, any feature to build the trust in conformance with ANI/IPI I or for housing, simplicities a coepitance of bracing of trustees. A seel on this drawing or cover page listing this drawing, indicates acceptance of processional engineering responsibility salely for the design shown. The substitution sale of this drawing for any structure is the responsibility of the Building Designer per ANI/IPI I Sec.2. For more information see this jobs a permanal notes page and these web sites.

Earth City MO 63045



DRWG	DATE	REF
DEFLCAMB0813	8/2/13	DEFLEC/CAMB

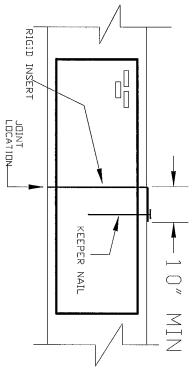
12/09/2013

### RIGID IZVLT DETAIL REIZHOROM SMZH HOIL STRESS COMPRESSION

THIS DETAIL d 쁌 USED WHEN THE STRESS AT A COMPRESSION SPLICE EXCEEDS 75% OF THE ALLOWABLE COMPRESSION STRESS PER TPI 1 SECTION 7392

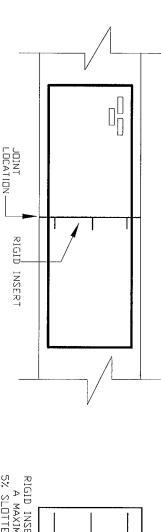
### OPTION #1

APPLY A 20 GAGE MINIMUM METAL INSERT BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER BEND RIGID INSERT OVER THE TOP OR BOTTOM OF THE COMPRESSION MEMBER A MINIMUM OF 1° AND SECURE IN PLACE KEEPER NAIL IS TO BE SIZED AND SPACED TO AVOID SPLITTING OF THE LUMBER WITH A KEEPER NAIL THE JOINT BEARING AREA



OPTION #2

THE JUINT BEARING AREA APPLY A 20 GAGE MINIMUM METAL INSERT WITH SLOTTED TEETH BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS HAMMER RIGID INSERT SECURELY IN PLACE AND FLUSH HIIM BUTTED END TO FULLY COVER



RIGID INSERT WITH
A MAXIMUM OF
5% SLOTTED (VOID)
AREA



private Nikor tetal and Folicity Act will so in this sheet in statling and bracing. Refer to and folial sets extreme core in fabricating, handling shipping, installing and bracing. Refer to and folial sets in sets in the set of the

IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

\*\* Building Conponents Group Inc (ITVBCO) shall not be responsible for any deviation from this sign, any failure to build the truss in conformance with TPI or fobricating, knowling, shipping, stilling & bracing of trusses. ITVBCO connector plates are made of 20/18/1664 (V.H.S.Y.) ASTM A653 and 31/340/50 (K.V.H.S.) galv steel Apply plates to each face of truss positioned as shown above on Joint Details.

al on this drawing or cover page indicates acceptance and professional engineering responsibility y for the trust comparent design shown. The suitability and use of this component for any ing is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

BGG weatherOption, TPI weathprist.com VICE. weathproductry.com, IEC weathcrafe.

Earth City MO 63045

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	,		DRWG RIGINSRT1210	DATE 12/15/10	REF RIGID INSERT

# CO AND

ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1V5L487-Z0116130613

Truss Fabricator

Job Identification

Anderson Truss Company

13-288F4--OWNER BUILDER /Becker Res Floor -- 337 sw rose cr

Truss Count 15

Model Code Truss Criteria Engineering Software Florida Building Code 2010 FBC2010Com/TPI-2007(STD) Alpine Software, Version 12.03.

Structural Engineer of Record,
Address

The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads Roof - N/A

Floor - 55.0 PSF @ 1.00 Duration

Wind - No Wind

04/16/2014

Notes

 Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

Walter P Finn
-Truss Design Engineer-

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

1950 Marley Drive Haines City, FL 33844

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Details: STRBRIBR-DEFLCAMB-CNSY42PL-LSCSYX2A

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Description Drawing#

#31678



Revision

/Becker Res Floor ---THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

13-288F4--OWNER BUILDER

See detail STRBRIBR0211 for bracing and bridging recommendations

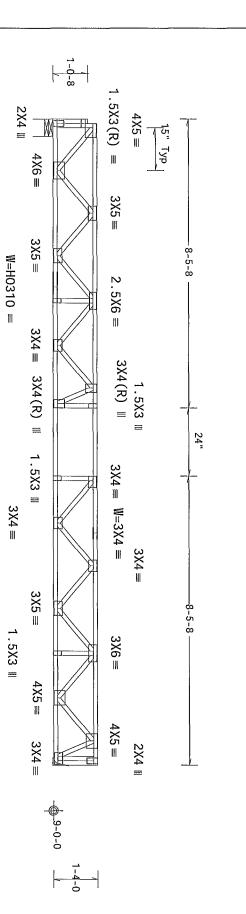
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Max JT VERT DEFL LL 0 31" camber recommendations DL· 0 23" See detail DEFLCAMB0813 for

Deflection meets L/360 live and L/360 total load Creep increase factor for dead load is 1  $50\,$ 

(J) Hanger Support Required, by others

Truss must be installed as shown with top chord up



1.5X3 Ⅲ

R=1028 W=6" 18-11-0 Over 2 Supports

R=1041 H=H1

20 Gauge HS, Wave Trussos require extreme care in fabricating bandling shap ng installing and bracing Refer to i follow the latest ed tion of BSS: (Building Component Safety Information by TPI) and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI thieses noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of web shall have a properly attached rigid celling. \*\* IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0) 12.03.0 No. 22839 CENS QTY:9

PLT TYP.

I'W Building Components Group Inc. (I'WECC) shall not be responsible for any deviation from this diany failure to build the trust in conformance with XBI/TPI 1 or for handling of shipping the brazing of trussess. Apply places to each face of truss and position as shown above and on the Joint Details unless moted otherwise. Refer to drawing 180A.2 for standard place positions. A seal on the drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility of the Building Designer per AMSI/TPI 1 Sec 2 for once information see. This justice is the responsibility of the Building Designer per AMSI/TPI 1 Sec 2 for once information see. This justice is the responsibility of the Building Designer per AMSI/TPI 1 Sec 2 for once information see. This justice is the professional engineering the responsibility of the Building Designer per AMSI/TPI 1 Sec 2 for once information see. This justice is the professional engineering the pr

ITW Bailding Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF
JREF- 1V5L487_Z01		SEQN- 30801	HC-ENG JB/WPF	DRW HCUSR9114 14106012	DATE 04/16/14

40.0 PSF

REF R9114- 94480 Scale = .375"/Ft.

( 13-288F4--OWNER BUILDER /Becker Res Floor --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER - F2 18'11" Floor Truss )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B Max JT VERT DEFL LL 0 See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is 1.50  $\,$ Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Creep increase

(J) Hanger Support Required, by others

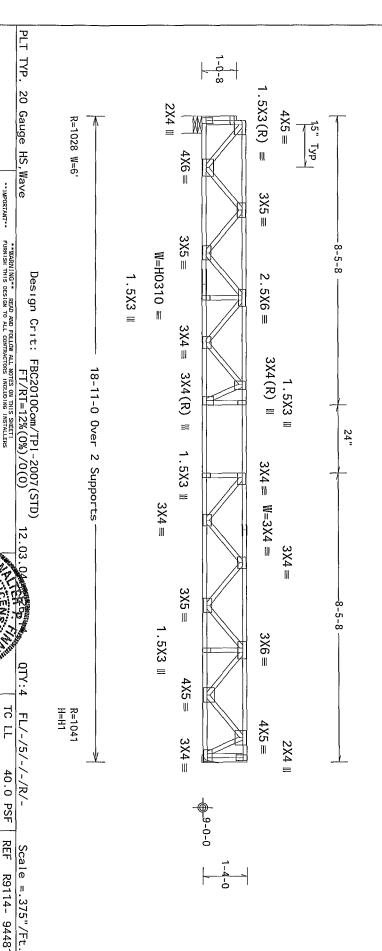
camber recommendations

31" 민

0 23"

See detail DEFLCAMB0813 for

Truss must be installed as shown with top chord up



ITW Building Components Group Orlando FL, 32837 FL COA #0 278

ITW Building Components Group Inc (ITWBCG) shall not be responsible to build the truss in conformance with AUS/JPI 1 or bracing of trusses. Apply plates to each face of truss and potable unless noted otherwise. Refer to drawings 100A-Z for softwarm or cover page lits in the trushing indicates acceptance responsibility solely for the design shown. The suitability and

This job s

04/16/2014

SPACING

24.0"

JREF-

1V5L487\_Z01

DUR.FAC.

1.00

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55.0

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30805

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to follow the latest edition of BCSI (Building Component Sofety Information by TPI and WTCA) for safety practices prior to performing these functions installers shall provide temporary bracing per BCSI (bluess noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid coil ing. Locations shown for permanent lateral restraint of web shall have a properly attached rigid coil ing. Locations shown for permanent lateral restraint of web shall have a properly attached rigid coil ing.

BC DL TC DL

10.0 PSF

DATE REF

04/16/14

R9114- 94481

BC LL

0.0 5.0 PSF

HC~ENG

JB/WPF

DRW HCUSR9114 14106014

"" IMPORTANT"

**ALPINE** 

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - F3 3'5"4 Floor Truss )

13-288F4--OWNER BUILDER /Becker d 4x2 SP #1-13B d 4x2 SP #1-13B s 4x2 SP #3-13B Res Floor --337 sw rose creek drive Lake City,

Top chord Bot chord Webs

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

Deflection meets L/360 live and L/360 total load factor for dead load is  $1\ 50$ Hanger Support Required, Hanger Support Required, ъъ others

Creep increase

Truss must be installed as shown with top chord up



15" Typ

1.5X3 Ⅲ

3X4 =---.5X3 Ⅲ 3X4 ≡

3X4 ≡ 2X4 Ⅲ

2X4 III

3X4 ≡

<3-5-4 Over 2 Supports

H=H2 R=189

R=189

Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

FL/-/5/-/-/R/-

40.0 PSF

REF

R9114- 94482

04/16/14

Scale = .5"/Ft

PLT TYP. Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to an follow the latest edition of BCSI (Building Component Safety Information by TPI and WTcA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI (Inlies noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid calling. Locations shown for parameter lateral restraint of webs shall have a properly attached rigid calling. IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

I'W Building Components Group Inc. (ITWEGG) shall not be responsible for any deviet on from this design any failure to build the trans in conformation with MRGI/TPI 1 or for handling shipping installation breating of truesces. Apply plates to each roce of trues and position as shown show and on the Joint Details unless encod otherwise. Refer to drawings 160A-Z for standard plates positions. A seal on the drawing or cover page listing this drawing indicates acceptance of professe onal engineering responsibility of the Building Designer pr. ANSI/TPI 1 Sec 2 for more information see. This Job the responsibility of the Building Designer pr. ANSI/TPI 1 Sec 2 for more information see. This Job the responsibility of the Building Designer pr. ANSI/TPI 1 Sec 2 for more information see. This Job sign for ormation industry

ITW Building Components Group

**ALPINE** 

Orlando FL, 32837 FL COA #0 278



04/16/2014 BC DL BC LL TC DL SPACING DUR.FAC. TOT.LD. 55.0 10.0 PSF 1.00 5.0 24.0" 0.0 PSF PSF PSF SEQN-DATE DRW HCUSR9114 14106011 HC-ENG JREF-

JB/WPF 30802

1V5L487\_Z01

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS - F3 3'5"4 Floor Truss ) MFR.

13-288F4--OWNER BUILDER /Becker Res Floor 1 337 sw rose creek drive Lake City,

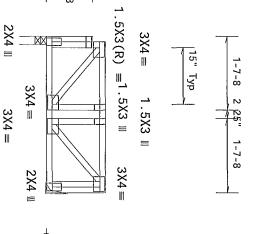
Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

(J) Hanger Support Required, by others

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord



R=172 W=2 25" <3-5-4 Over 2 Supports

R=194 H=H1

PLT TYP. Wave

Design Crit: FBC2010Com/TP1-2007(STD) FT/RT=12%(0%)/0(0)

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BSI (Baliding Component Series) information by IPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BSI lities noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid cent ing Locat one shown for permanent lateral restraint of webs shall have a properly attached rigid cent on Side RF or BIO as applicable. \* IMPORTANT \* \* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

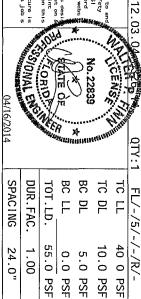
ITW Building Components Group Inc. (INWBCD) shall not be responsible for any deviate on from this design any failure to build the trusts in conformance with MRSI/TP1 1 or for handling shipping installed because for the same face of trusts and position as shown above and on the Joint Details unless installed by litter to each face of trusts and position as shown above and on the Joint Details unless installed by the state of the same face of the

ITM Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278





PSF

PSF

SEQN-HC-ENG

JREF-

1V5L487\_Z01

PSF

REF

R9114- 94483

Scale =.5"/Ft.

DATE

04/16/14

DRW HCUSR9114 14106005

JB/WPF 30806

( 13-288F4--OWNER BUILDER /Becker Res Floor --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - F4 15'6"4 Floor Truss )

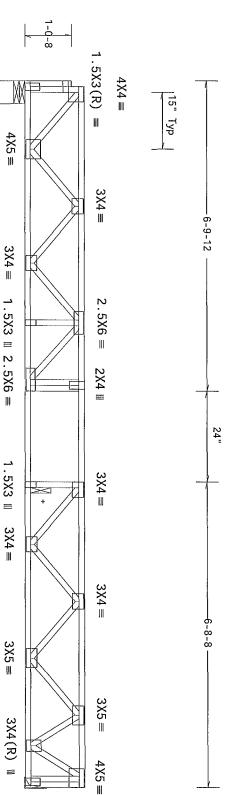
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

Truss must be installed as shown with top chord up

 $\pm~2\mathrm{x6}$  continuous strongback. See detail STRBRIBR0211 for bracing and bridging recommendations

(J) Hanger Support Required, by others

Deflection meets L/360 live and L/360 total load Creep increase factor for dead load is 1 50  $\,$ 



2X4 III

2X4 II

PLT TYP. Wave R=841 W=6' \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Trusses require extreme care in fabricating handling shipping installing and bracing lion the latest edition of BCSI (Bailding Component Safety Information by IP) and WTCA) carefully interesting the provide temporary bracing less noted otherwise top chord shall have properly attached structural sheathing and bot Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0) 15-6-4 Over 2 Supports 12.03.0 CENS 10 DF BC DL FL/-/5/-/-/R/-R=854 H=H1 10.0 PSF 40.0 PSF 5.0 PSF

ITM Building Components Group

This job s

04/16/2014

SPACING

JREF- 1V5L487\_Z01

DUR. FAC.

1.00

55.0

PSF

HC-ENG SEQN-

BC LL

0.0

PSF

DATE

04/16/14

Scale = .5"/Ft. REF R9114- 94484

DRW HCUSR9114 14106004

JB/WPF 76390

ALPINE

Orlando FL, 32837 FL COA #0 278

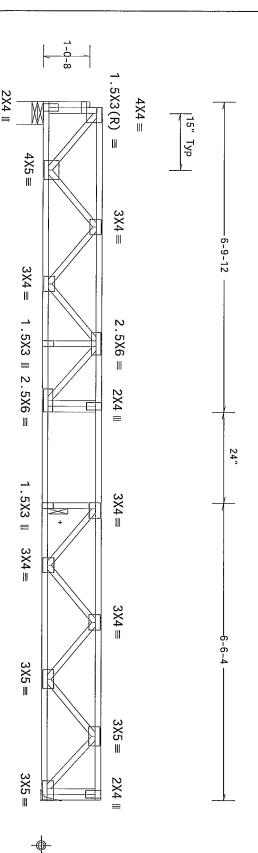
( 13-288F4--OWNER BUILDER /Becker Res Floor --337 sw rose creek drive Lake City, + 2x6 continuous strongback bridging recommendations THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F5 15'4" Floor Truss ) See detail STRBRIBR0211 for bracing and

Top chord 4x2 SP #
Bot chord 4x2 SP #
Webs 4x2 SP # Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ #1-13B #1-13B #3-13B

(J) Hanger Support Required, by others

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up



R=831 W=6" 15-4-0 Over 2 Supports R=843 H=H1

ITW Building Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

\*\* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS PLT TYP.

Wave

Trussos require extreme care in fabricating bandling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI whiless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid cetting. Lections shown for permanent lateral restraint of webs shall have a properly attached rigid cetting.

I'll Building Components Group Inc (I'NBCG) shall not be respons bie for any deviation from this des y failure to build the truss in conformance with ANS/I'Pl 1 or for heading shipping installation racing of trusses Apply plates to each face of truss and position as shown above and on the Joint racinis unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the



55.0

SEQN-

0.0 5.0 PSF

PSF PSF

HC-ENG

JB/WPF 76389

DRW HCUSR9114 14106006

24.0" 1.00

JREF-

1V5L487\_Z01

10.0 PSF 40.0 PSF

DATE REF

04/16/14

Scale =.5"/Ft.

R9114- 94485

sw rose creek drive Lake City, ı THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F7 11'8" Floor Truss )

Top Bot chord 4x2 SP #1-13B chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker Res Floor

1 337

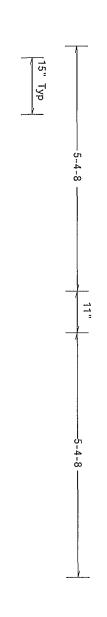
+ 2x6 continuous strongback bridging recommendations. See detail STRBRIBR0211 for bracing and

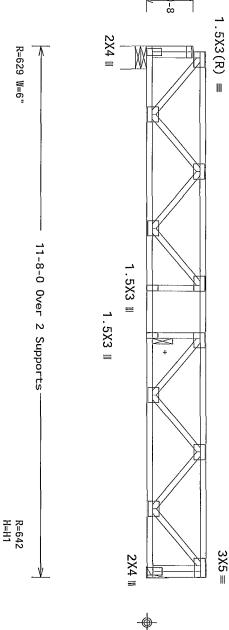
(J) Hanger Support Required, by others

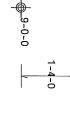
Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Truss must be installed as shown with top chord up







Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave \*\* IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

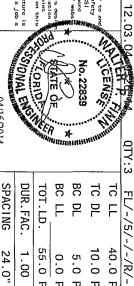
Trusses require extreme care in fabr eating handling shipping installing and bracing Refer to it follow the latest edition of BSI (Building Component Servey Information by IP) and WICA) for safety practices prior to performing these functions. Installers shall provide temperary brain apper BSI (Inless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid continuous continuous shall have a properly attached structural sheathing and bottom shall have a properly attached rigid continuous continuous shall have a properly attached rigid continuous continuous shall have a properly attached structural shall have a properly attached rigid continuous continuous shall have a properly attached structural shall have a properly attached per BSI sections B3 B7 or B10 as applicable

ITW But Iding Components Group Inc. (ITWBCS) shall not be responsible for any downstion from this deal any failure to build the cruss in conformance with MSS/TP1 in or for handling shipping intralization braciling of trueses. Apply places to each foce of trues and position as shown above and on the John Details unless instead otherwise. Refer to drawings 160A-Z for standard place passing the seal on this Details unless instead otherwise. Refer to drawings 160A-Z for standard place passing time the drawing on cover page listing the drawing indicates acceptance of professional applicating responsibility of the Building Designer por ANS/TP1 is Sec 2. Were more information see. This Job operations are 17th BCC and the consistency of the Building Designer por ANS/TP1 is Sec 2. Were more information see. This Job operations are supplied to the control of the Building Designer por ANS/TP1 is Sec 2. Were more information see. This Job operations are supplied to the control of the Building Designer por ANS/TP1 is Sec 2. Were more information see. This Job This job s

กฟี Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



MANA	TC DL	10.0 PSF	DATE	04/16/14
+ +	BC DL	5.0 PSF	DRW HCUSR	DRW HCUSR9114 14106008
7 ) 4 Em	BC LL	0.0 PSF	HC-ENG JB/WPF	B/WPF
N.E.	TOT.LD.	55.0 PSF	SEQN-	76388
A.C.	DUR.FAC.	1.00		
14/16/2014	SPACING	24.0"	JREF- 1V	JREF- 1V5L487_Z01

40.0 PSF

REF

94486

Scale =.5"/Ft. R9114-

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - F9 19' Floor Truss )

chord 4x2 SP #1-13B chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker Res Floor --

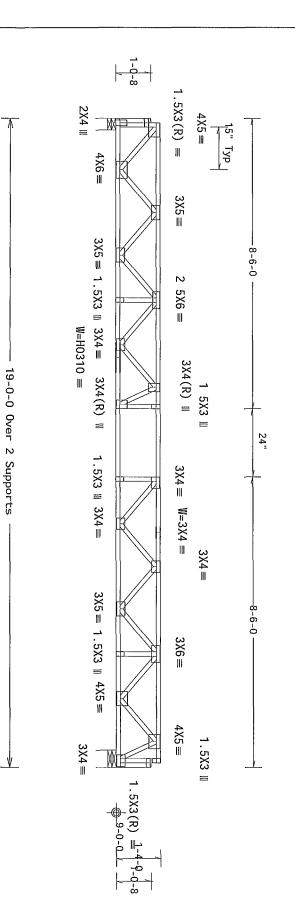
Lumber grades designated with "13B" 1/30/2013 by ALSC use design values approved

Truss must be installed as shown with top chord up

See detail STRBRIBR0211 for bracing and bridging recommendations

Max JT VERT DEFL: LL 0 camber recommendations 31" 무 0 23" See detail DEFLCAMB0813 for

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase



\*\*IMPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

PLT

₹P.

20 Gauge HS, Wave

R=1032 W=4" (4" min

R=1032 W=6"

(6" min )

40.0

PSF

REF

Scale = .375"/Ft. R9114- 94487

10.0 PSF

DATE

04/16/14

0.0 5.0 PSF

PSF

HC-ENG

SSB/WHK

DRW HCUSR9114 14106009

SEQN-

22776

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Informat on by TPI and MTCA) for safety practices prior to performing these functions installers shall provide temporary bracing per BCSI (bliess noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid conline.

ITW Building Components Group Inc. (ITWEND) shall not be responsible for any deviation from this das any failure to an id the trusts a conformance with MASI/IPI or for handling shipping intersillation braining of trustees Apply plates to each face of trusts and positions as shown above and on the Joint Data is unless exceed otherwise. Refer to drawing 1604-2 for standard plate, positions A seal on the drawing of rower page listing this drawing indicates acceptance of professional any energy responsibility of the Suit draining basigner por ANSI/IPI 1 Sec 2. For more information see. This job general notes page ITM-ECS waw locasite org. Structure is This job s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278

24.0" 1.00 55.0 PSF

JREF-

1V5L487\_Z01



THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - F10 18'10" Flat Girder)

Top Bot Top chord 2x4 SP 2850f-2 3E Bot chord 2x4 SP 2850f-2 3E Webs 2x4 SP #3-13B .W2, W4, W14 2x4 SP #2-13B

₩16

2x4 SP #1-13B

( 13-288F4--OWNER BUILDER /Becker Res Floor --

337 sw rose creek drive Lake City,

Lumber grades designated with 1/30/2013 by ALSC "13B" use design values approved

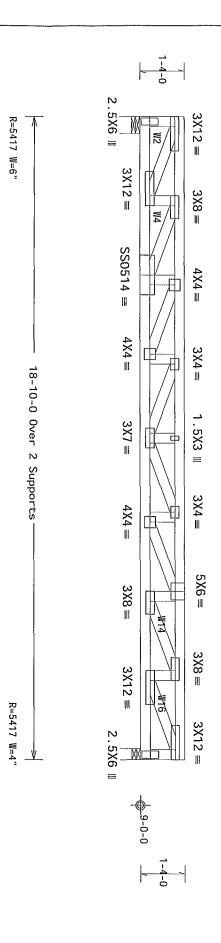
Girder supports 18-11-0 span to TC/BC split one face and 2-0-0 span framing to the TC/BC split opposite face

# 3 COMPLETE TRUSSES REQUIRED

Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @ 3.75" o c
Bot Chord 1 Row @12.00" o c
Webs 1 Row @ 4" o c
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting

Truss must be installed as shown with top chord up

The TC of this truss shall be braced with attached spans at  $24^{\circ}$  lieu of structural sheathing റ്റ Ξ



#### IT板 Bůilding Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP.

18 Gauge HS, Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to an follow the latest edition of BSSI (Bu iding Component Safety) information by TPI and WTCA) for safety practices prior to performing these functions installiers shall provide temporary bracing por BCSI linkess noted otherwise top chord shall have properly attached structural shaarbing and bottom chord shall have a properly attached rigid couling. Local circums shown for permanent lateral restraint of websital have a properly attached rigid couling. Local circums shown for permanent lateral restraint of websital have bracing restalled por BCSI sections B3 B7 or B10 as applicable

I'W Building Components Group inc. (I'WBCD) shall not be responsible for any day stion from this deal any failure to awild the cruss a conformance with MSI/TPI 1 or for handing a highlight interaction to the property of the stress of the st Th s job s

12.03.04 CENS ORIO 04/16/2014 QTY:1 BC LT BC DL DUR.FAC. TC DL TC LL SPACING 10Т. LD. FL/-/5/-/-/R/-

55.0 PSF

SEQN-

76448

HC-ENG

JB/WPF

24.0" 1.00

JREF- 1V5L487\_Z01

40.0 PSF

REF R9114- 94488

Scale = .375"/Ft.

10.0 PSF

DATE

04/16/14

5.0 PSF 0.0 PSF

DRW HCUSR9114 14106002

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - FG 18'11" Gable )

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker

Res Floor --

See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is  $1\ 50$ Creep increase

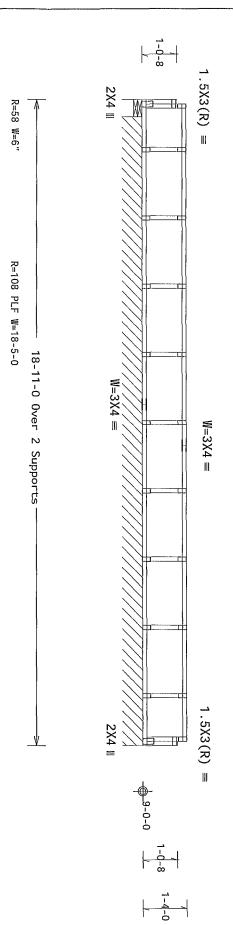
Lumber grades designated with "13B" use design values approved  $1/30/2013\ by\ ALSC$ 

Truss must be installed as shown with top chord up

Sheathing is required for any longitudinal (drag) forces connections to be designed by the building designer

Fasten rated sheathing to one face of this frame

Truss designed for vertical in plane loads only.



Note: All Plates Are 1.5X3 Except As Shown

PLT TYP. Wave ALPINE Trusses require extreme care in fabricating handling shipping installing and bracing. Refer to its the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI liness need otherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly attended for permanent lateral restraint of web shall have a properly attended for the permanent lateral restraint of web shall have a properly attended for BCSI sections BS B7 or B10 as applicable. \*\*IMPORTANT\*\* I'W Building Components Group Inc. (17WBCG) shall not be responsible for any deviation from my failure to build the truss in conformance with ANSI/IP! 7 or for handling shipping instraining of trusses. Apply plates to each face of truss and position as shown above and on the trust unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A s \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0) 12.03 CENS No. 22839 0TY:1 BC DL BC LL TC DL TC LL TOT.LD. FL/-/5/-/-/R/-55.0 10.0 PSF 40.0 PSF 0.0 5.0 PSF PSF PSF DATE SEQN-HC-ENG JB/WPF DRW HCUSR9114 14106013 REF R9114- 94489 Scale = .375"/Ft. 04/16/14 30808

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

drawing or cover page listing this drawing responsibility solely for the design shown the responsibility of the Building Designer

14/16/2014

SPACING

JREF-

1V5L487\_Z01

DUR.FAC.

1.00 24.0"

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - FG1 15'4" Gable )

Top Bot chord 4x2 SP #1-13B chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker Res Floor

See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep increase

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Fasten rated sheathing to one face of this frame Truss must be installed as shown with top chord up

Sheathing is required for any longitudinal (drag) forces connections to be designed by the building designer

1.5X3(R) =2X4 Ⅲ R=71 W=6" R=107 PLF W=14-10-0 15-4-0 Over 2 Supports 1.5X3(R) 2X4 III

Note All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

\*\* IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

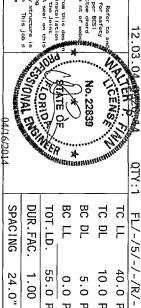
Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (80 iding Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI linkess noted otherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly statement rigid certifier (as in the properly statement of website shall have a properly statement rigid certifier (see the properly statement and the properly statement of the properly statement

I'll Building Components Group inc (I'NBGD) shall not be responsible for any deviation from this design affailure to build the truss in conformance with MSI/TPI 1 or for handling shipping installation bracing of trusses. Apply plates to each face of truss and post to as shown above and on the Joint Details unless noted otherwise. Refer to drawings 160A-Z for standard plate postions: A scal on the drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility of the design shown. The suitability and use of this design for any structure the responsibility of the building Designer per MSI/TPI 1 Sec 2. For more information see. This job general notes page 1178-BGG laww toubog com. TPI www.tpinstorg WTCA waw abclindustry compared to the page of the

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



55.0

PSF

SEQN-

29602

0.0 PSF 5.0 PSF

HC-ENG

JB/DF

DRW HCUSR9114 14106001

10.0 PSF 40.0 PSF

DATE REF

04/16/14

Scale =.5"/Ft

R9114- 94490

24.0" 1.00

JREF-

1V5L487\_Z01

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - FG2 11'8" Gabie)

13-288F4--OWNER BUILDER

/Becker Res Floor

!

337 sw rose creek drive Lake City,

See detail STRBRIBR0211 for bracing and bridging recommendations

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

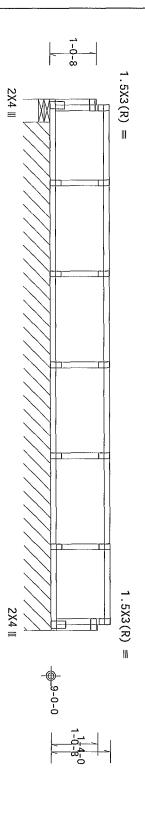
Deflection meets L/360 live and L/360 total load factor for dead load is 1 50. Creep increase

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by}\ ALSC$ 

Truss must be installed as shown with top chord up

Fasten rated sheathing to one face of this frame

Sheathing is required for any longitudinal (drag) forces connections to be designed by the building designer



11-8-0 Over 2 Supports

R=81 W=6" (6" mın R=105 PLF W=11-2-0

Note: All Plates Are 1 5X3 Except As Shown.

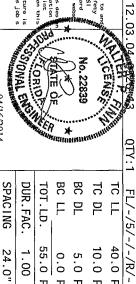
Design Crit: FBC2010Com/TP1-2007(STD)
FT/RT=12%(0%)/0(0) Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Camponent Sefety Information by TPI and WTCA) for safety practices prior to performing these functions installers shall provide temporary bracing per BCSI (Building Camponent Sefety) and bottom chord of the property attached structural shouthing and bottom chord shall have a property attached rigid celling. Locations shown for permanent lateral restraint of webs shall have a property attached tripid celling. Locations shown for permanent lateral restraint of webs shall have a property attached structural shouthing and bottom chord shall have a property attached per BCSI sections 83 B7 or 810 as applicable \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW But Iding Components Group Inc. (ITWECD) shall not be responsible for any deviation from this design any far lure to build the trusts in conformance with MASI/TPI 1 or for handing at a paping intralitation bracking of trustees. Apply places to each face of trusts and post time as shown above and on the Joint Details unless moted otherwise. Before to drawings 1604-2 for standard plats post times. A seal on this drawing or cover page listing this drawing indicates acceptance of profess anal engineering cresponsibility solely for the design shown. The suitability and use of this design for any structure the responsibility of the Building Designer per MSI/TPI 1 Sec 2. For more infromation see this Job ndustry

ITW Bailding Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



12014		E E F	Y X	tenin F	Munn
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF
JREF- 1V5L487_Z01		SEQN- 22826	HC-ENG SSB/WHK	DRW HCUSR9114 1410601	DATE 04/16/14

40.0 PSF

REF R9114-Scale = .5"/Ft.

94491

4106010

\_Z01

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR - FG3 19' Gable)

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker Res Floor --

See detail STRBRIBR0211 for bracing and bridging recommendations

Deflection meets L/360 live and L/360 total load factor for dead load is 1 50  $\,$ Creep Increase

Lumber grades designated with "13B" use design values approved  $1/30/2013\ \mbox{by ALSC}$ 

Sheathing is required for any longitudinal(drag) forces connections to be designed by the building designer

Fasten rated sheathing to one face of this frame Truss must be installed as shown with top chord up

.5X3(R) =2X4 Ⅲ W=3X4 ≡ W=3X4 =1.5X3(R) =2X4 III

Note: All Plates Are 1.5X3 Except As Shown

R=108 PLF W=18-6-0

19-0-0 Over 2 Supports

R=60 W=6" (6" min )

PLT TYP Wave \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit: FBC2010Com/TP1-2007(STD) FT/RT=12%(0%)/0(0)

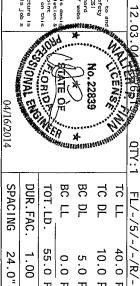
Trusses require extreme care in febricating bandling shipping installing and bracking Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI linies noted otherwise top chord shall have properly attached structural shearbing and bettem chord shall have a properly attached rigid coalling. Locations shown for permanent lateral restraint of webshall have a properly attached rigid coalling.

ITW Building Components Group Inc. (ITWBGD) shall not be responsible for any day strion from this day any failure to build the trusts in conformance with MSI/IPI 1 or for handing a hipping on tractilation breating of trustees. Apply plates to each face of trust and position as almost above man on the Joint Becall's unless moter otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on the drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility soluty of the design shown. The suitability and use of this design for any structure the responsibility of the Building Besigner per AMSI/IPI 1 Sec 2. For more information see This job

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



4		74,	Minister Min	**************************************	HALLY ZA
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF
JREF- 1V5L487_Z01		SEQN- 22797	HC-ENG SSB/WHK	DRW HCUSR9114 14106003	DATE 04/16/14

40.0 PSF

REF

Scale = .375"/Ft. R9114- 94492

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Creep

increase

Top chord 4x2 SP #1-13B Bot chord 4x2 SP #1-13B Webs 4x2 SP #3-13B

( 13-288F4--OWNER BUILDER

/Becker Res Floor --

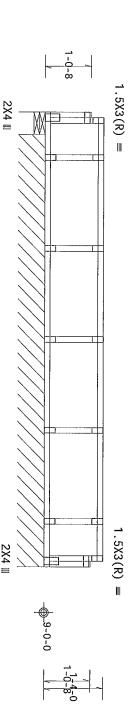
Deflection meets L/360 live and L/360 total load factor for dead load is  $1\ 50$ 

Truss must be installed as shown with top chord up

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

Sheathing is required for any longitudinal(drag) forces connections to be designed by the building designer A

Fasten rated sheathing to one face of this frame



10-0-0 Over 2 Supports

R=21 W=6" (6" min ) R=111 PLF W=9-6-0

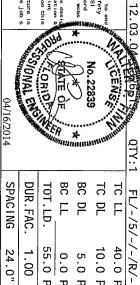
Note: All Plates Are 1 5X3 Except As Shown

PLT TYP. Wave \* IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=12%(0%)/0(0)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

Trusses require extreme care in fabricating bandling shipping installing and brocing. Refer to a follow the latest edition of BESI (Building Component Safety Information by TPI and NTCA) for safety practices prior to performing these functions. Installars shall provide temporary bracing per BESI liniess noted otherwise top chord shall have properly attached structural shoathing and bettom chord shall have a properly attached rigid cert ing. Locations shown for permanent lateral restraint of webs shall have a properly attached rigid cert ing.

I'W Building Components Group Inc. (I'WBGD) shall not be responsible for any deviation from this dos any failure to be ind the trusts in conformance with MSI/TPI 1 or for handling shipping installation breating of trussess. Apply plates to each face of trusts and position as shown above and on the Joint Details unless moted otherwise. Before to drawing 160A-Z for standard plates positions. A seal on the drawing or cover page flisting this drawing indicates acceptance of professional engineering the responsibility solely for the design shown. The suitability and use of this design for any structure the responsibility of the Building Designer per ABI/TPI 1 Sec 2. For more information see This Job y structure is e This jobs



014	•	West of the second	મ જ્યાસ	수 mini	*********	miner.
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.00	55.0 PSF	0.0 PSF	5.0 PSF	10.0 PSF	40.0 PSF
JREF- 1V5L487_Z01		SEQN- 22792	HC-ENG SSB/WHK	DRW HCUSR9114 14106007	DATE 04/16/14	REF R9114- 94493

Scale =.5"/Ft

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

(13-288F4--OWNER BUILDER /Becker Res Floor -- 337 sw rose creek drive Lake City, - F8 19' Floor Truss Girder)

To cheek May on page a pr

Top chord 4x2 SP 2850f-2 3E Bot chord 4x2 SP 2850f-2 3E Webs 4x2 SP #3-13B

Lumber grades designated with "13B" use design values approved 1/30/2013 by ALSC

TC- From 50 plf at 0 13 to 50 plf at 16 52 TC- From 100 plf at 16 52 to 100 plf at 16 52 BC- From 10 plf at 16 52 to 100 plf at 16 52 BC- From 10 plf at 16 52 to 100 plf at 16 52 BC- From 10 plf at 16 52 to 10 plf at 19 00 TC- 843 49 lb Conc Load at 0 65, 2 65, 4 65, 6 65 TC- 641 88 lb Conc Load at 12 52,14 52,16 52 Special loads

2 COMPLETE TRUSSES REQUIRED

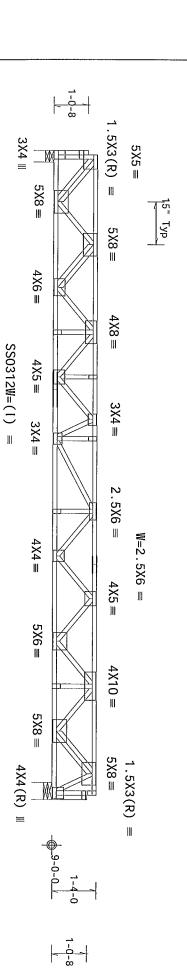
See DWG CNSY42PL0913 or LSCCSYX2A0913 for connection details of 2 ply trusses

See detail STRBRIBR0211 for bracing and bridging recommendations

(1) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance

 $\mbox{Max}$  JT VERT DEFL LL 0 46" DL 0 26" See detail DEFLCAMB0813 for camber recommendations

Truss must be installed as shown with top chord up

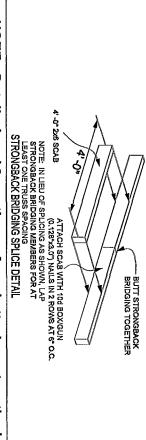


R=4554 W=4" 19-0-0 Over 2 Supports R=3595 W=6"

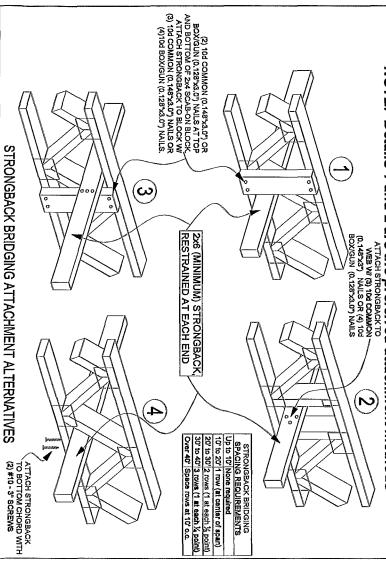
Note: All Plates Are 1.5X3 Except

FL COA #0 278	ITW Building Components Group Inc.		ALPINE (	` 	>	•	PLI IYP. 18 Gauge HS, Wave	!	Note: All Flates Are 1.3A3 Except As Snown.
general notes page 118-806 www.ltwbcg.com TPI www.tp.nst.org WTCA www.sbcindustry.com	responsibility of the Building Designer per ANSI/TPI 1 Sec 2 For more information see This job s	bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Octa is unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on this drawing or cover have list on this	ITW Building Components Group Inc (ITWBCG) shall not be responsible for any deviation from this design any failure to build the truss in conformance with ANSI/TPI 1 or for handling shipping installation &	unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling Locations shown for permanent lateral restraint of webs shall have a properly attached per BCSI sections B3 B7 or B10 as applicable.	follow the latest edition of BGS! (Bilding Component Safety Informat on by Fig. land WEA) for safety practices prior to performing these functions Installers shall provide temporary bracing per BCS!	""IMPORTANT" FURNISH THIS DESIGN TO ALL CONTES INCLUDING INSTALLERS Trinson from the property of the content of	FT/RT=12%(0%)/0(0)	Design Crit: FBC2010Com/TPI-2007(STD)	.axa except As Shown.
04/16/2014	SIDNAL EN	TORIO NA	CATE OF 19 MILE		No 22839	CENS	12.03.04 576 T. QTY		
SPACING 24.0"	DUR.FAC. 1.0C	TOT.LD.	BC LL	BC DL	TC DL	TC LL	QTY:1 FL/-/5/-/-/R/-		
	1.00	TOT.LD. 55.0 PSF SEQN-	0.0 PSF	5.0 PSF	10.0 PSF	40.0 PSF			
JREF- 1V5L487_Z01		SEQN- 76462	0.0 PSF HC-ENG JB/WPF	DRW HCUSR9114 14106006	10.0 PSF DATE 04/16/14	REF R9114- 94494	Scale = .375"/Ft.		

# STRONGBACK BRIDGING RECOMMENDATIONS



# NOTE: Details 1 and 2 are the preferred attachment methods



- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- graded lumber." All strongback bridging and bracing shall be a minimum 2x6 "stress
- is recommended at 10' -0" o.c. (max.) individual trusses, resulting in an overall increase in the stiffness of the The purpose of strongback bridging is to develop load sharing between floor system. 2x6 strongback bridging, positioned as shown in details
- distribution of point loads between adjacent truss, strongback bridging a truss system to help control vibration. In addition to aiding in the serves to reduce "bounce" or residual vibration resulting from moving interchangeably. "Bracing" is an important structural requirement of The terms "bridging" and "bracing" are sometimes mistakenly used point loads, such as footsteps. "Bridging," particularly "strongback bridging" is a recommendation for the bracing requirements for each individual truss component. any floor or roof system. Refer to the Truss Design Drawing (TDD) for

of strongback bridging and therefore is strongly recommended by ITW **Building Compents Group Inc.** The performance of all floor systems are enhanced by the installation

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).



A CHARLES	TC LL	PSF	REF	STRONGBACK
TER P. Alaman	TC DL	PSF	DATE	2/28/11
CENS	BC DL	PSF	DRWG	DRWG STRBRIBR0211
No. 22839	BC II	PSF		
	TOT LD	PSF		
CHAN	DUR FAC	1 00		
	SPACING			

"supportANT\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

IT Building Components Group Inc. (ITSUC) shall not be responsible for any deviation from this design, any failure to build be trust in entirements with TH. For chartening, handling, shapping, installing & brading of trusts. ITSUC connector plates are made of 20/12/10cs (FH/S/K) ASTM MESS grade 57/43/05 (KP/HS) gav. etch. Apply plates to each face of trust, platfored is already above and on sinch idealist.

Justicated is already above and on sinch idealist acceptance and professional engineering responsibility solely for the trust component of the platform of the plate of the component for any building is the responsibility of the building bedress per AMST/PH is each platestic for the component for any building is the responsibility of the building bedress per AMST/PH is each platestic for the component for any building is the responsibility of the building bedress per AMST/PH is each platestic for the component for any building is the responsibility of the building bedress per AMST/PH is each platestic for the component for any building is the responsibility of the building bedress per AMST/PH is each platestic for the component for any building is the responsibility of the building for the responsibility and the building for the platestic for the component for any building in the responsibility and the building for the platestic for the platestic

Earth City MO 63045

### Commentary

following advantages application of loads Providing camber has the Camber may be built into trusses to compensate the vertical deflection that results from the

- Helps dead loads are applied to ensure level ceilings and floors after
- Facilitates drainage to avoid ponding low slope roofs on flat õ
- Compensates for different deflection characteristics between adjacent trusses
- Improves appearance of other long spans that can appear garage door headers ς "Sag"

Avoids "dips" in roof ridgelines at the transition from the gable to adjacent clear span trusses

to ponding that may occur due to the design of the roof drainage system The Building Designer shall also specify any dead load, live load, and in-service creep deflection criteria for flat or low-slope roofs subject to ponding location, direction, and magnitude of all loads attributable In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the

span, loading, application, The amount of camber is etceteras dependent on the truss type.

slenderness ratio (L/D) may be required to help control vibration More restrictive limits for allowable deflection and

recommendations, or past experience may warrant using codes may exist that require exceeding these more stringent limitations limiting deflection and estimating camber The following tables are provided as guidelines for Conditions 9

#### Deflection Ω Ω Ω Camber

Span of Truss (inches)

 $\cup$   $\Gamma$ 

П Depth of Truss at Deflection Point (inches)

### Recommended Truss Deflection Limits

<u>Truss Type</u>		Deflection Limits	<u> Total Load</u>
Pitched Roof Trusses	Ω 4	L/240 (vertical)	L/180 (vertical)
Floor of Room-In-Attic Trusses	24	L/360 (vertical)	L/240 (vertical)
Flat or Shallow Pitched Roof Trusses	۲۵ 4	L/360 (vertical)	L/240 (vertical)
Residential Floor Trusses	24	L/360 (vertical)	L/240 (vertical)
Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)
Scissors Trusses	24	075" (horizontal)	125" (horizontal)

Truss Sloping Parallel Chord Trusses Pitched Trusses Type 1 00 15 x Vertical Deflection from Recommended Camber × Deflection from Actual Dead Load

Trusses (025 x Deflection from Live Load) Actual Dead Load

Actual Dead Load

Trusses (0.25 × × Design Dead Load Deflection # 7 0 3 Deflection) Live Load)

Flat Roof

Floor

Note The actual dead 4 the design dead load 000 may be considerably less than



\*\*VARNINGI\*\* READ AND FOLLOV ALL NOTES ON THIS DRAVING
\*\*IMPORTANT\*\* FUSNISH THIS DRAVING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme core in fabricating, handling, shipping, inctalling and bracing, leafer to and allow the latest edition of EXI (Bailding Comprient Suffer), information, by IFI and SIGN, for safe by practices prior to performing these functions, betalliers shall provide temporary bracing per SIGI. Unless noted otherwise that others is functions, betalling shall provide temporary bracing per SIGI. Sections should have a properly statisfied to the structural sheeps the and batton, there is shown shown a properly statisfied per SIGI sections 33, 37 or 38, as a policiable. Apply plates the search face or truss and position as shown above and on the John Details unless noted otherwise. Refer to drawings 160A-Z for standard plate positions

ITV Building Concoments Group Inc. shall not be responsible for any deviction from this drowing any abuse to build the trues in conformance with MAXITP1 to The handling, shall thin it orcing of truesses. As seel on this drowing or cover page listing this drowing, indicates acceptance of professional engineering responsibility sold use of this drowing for may structure is the responsibility of the Building Designer per MIXITP1 I Sec.2. For more information see this job's spenced notes page and these web sites.

TVECG www.itwbcg.com, TP1 www.tphrstorp. SECA www.sbcindustry.org. ICC www.iccsafe.org

Earth City MO 63045



DRWG	DATE	REF
G DEFLCAMB0813	E 8/2/13	DEFLEC/CAMB

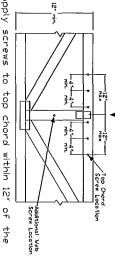
#### (/) $\mathcal{O}$ Buisn 7403 Simpson 4 $\Gamma$ SDS25600 $\bigcup$ 9 $\leftarrow$ 0 SDW22634 U Strong 0 7 7 0 Drive $\cap$ SUMBAS 400 9 $\bigcup_{\square}$ Equal ťαl

Max Uniform Load

T and

Chart Below

Max Concentrated Load per Chart Below



For double top chords, evenly distribute the screws over both top chords, using same spacing guidelines specified above The max number of top chord screws is 6 per chord member for a total maximum of 12 screws evenly distributing concentrated load concentrated load may be applied to the top chord for each Apply screws to top chord within 12" of concentrated load location @ 4" oc, min them to each side of the A maximum of 6 screws

1/2″

Screw Position in

t t t

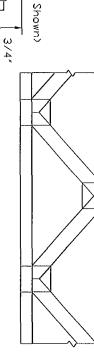
Truss

Strong-Drive Screw

required screws may be applied to those webs below the concentrated load location evenly spaced @ 4" oc, min, keeping the 3" min end distances Each additional screw is worth 560 l for DFL or SP webs and 400 lb for SPF webs more screws than 6 per top chord member and the load is located at a panel point where webs intersect the top chord, the remainder of If the concentrated load connection requires 560 lb

with other hardware or to avoid lumber defects Do not install screws in areas where lumber wane exceeds 1/4" Equal loads from both faces or loads that are evenly distributed to each ply do not require connections per this d for 3x2 members use Simpson's SDS25412 or SDW22500 screws

for individual truss design Refer 3 1/2" ó ITWBCG sealed drawing 0000 Truss Applied to MORDON 3 1/2 This (Chord <u>^</u>



For single top chord, see chart below for screw spacing for double top chord the screw spacing may be doubled (but may not exceed 24° ac per chord) Screw spacing shall be offset by 1/2 the oc spacing in each chord

For chord sections supporting less than 100 plf apply one screw at each top chord joint location Screws need only apply to the extents of that load

detail Top Chord Screw 22 5  $\ddot{\omega}$ 6 14 ы 10 ω ው Maximum Uniform Load (plf) Alang Top Chord (100 DF) DFL&SP 672 336 373 840 420 480 560 0211 1680 812 600 SPF 049 266 342 480 808 300 400 1200

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

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Trusses require extreme core in fabricating handing shapping installing and bracing, Refer to and practices prior to performing these functions. Installers shall provide temporary bracing per SICSI building Component Sofety Information by TPI and SIAD or a fety United prior to performing these functions. Installers shall provide temporary bracing per SICSI where shall have a properly attached rigid ceiling. Locations sham for permanent ateral restraint of webs shall have an appointly attached rigid ceiling. Locations sham for permanent ateral restraint of webs shall have income install of an SICSI sections SIS 37 or SIG as applicable apply plattes to each face of truss and position as shown above and on the Joint 19th si unless noted otherwise.

ITW Building Components (broup Inc. sho I not be responsible for only deviation from this drawing any for the to but of the truss in comformance with MAILTPI I or for Mailting silloping, isste lotton & bracking of trusses. A sec on this drawing or cover page listing this drawing indicates acceptance of professional emphasizes. A seconsibility solely for the despin stown. The suitobility and use of this drawing for any structure is the responsibility of the Building Designer per MSILTPI I Sect. For more information see this jobs spender or lostes page and these we'b stationary see this jobs spender or the suitobility of the Building Designer per MSILTPI I Sect.



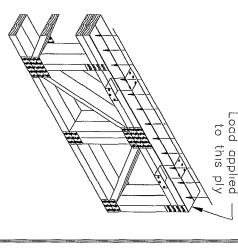
TC LL	PSF	REF	SY42	SY42 Connectio
TC DL	PSF	DATE	10/11/13	/13
BC DL	PSF	DRWG	DRWG CNSY42PL0913	425
BC LL	PSF			
דםד בם	PSF			
DUR FAC	1 00	'.		

SPACING

Earth City MO 63045

#### SY32/SY42 FOR DOWNWARD LOADS ONLY U

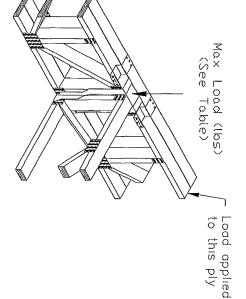
#### Uniform Application



	TC Uniform Load (plf)  DF SPF  810 58	1 1 1 22 1 0	Clip Spacing Along Top Chord 12° oc 18° oc
01	810	585	12, 00
ŭ	540	390	18° oc
470	405	295	24" oc
375	325	235	30° oc

Maximum LSC spacing is 30\* 0

## Concentrated Load Application



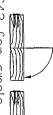
1870	SP	
1620	DF	Max Load (lbs)
1170	SPF /HF	

Note

Install LSC adjacent, equidistant, and not more than 6" on each side of concentrated load

## Installation Instructions

- nails into narrow face Position and attach LSC to loaded ply with (3) 0131"x15"
- N Bend clip over adjacent ply and attach with (3) 0131"x15" nails into wide face



LSC42 for single 4ω ×× ળળ chords



LSC42-2 LSC32-2 for stacked 4ω ×× ΩΩ chords space

\*\*WARNING\*\* READ AND FOLLOV ALL NOTES ON THIS DRAVING INSTALLERS. 4 ITW Building Components sealed drawing

group

Inc

50°

individual truss design

Refer

Trusses require extreme care in febricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of ISSI (Building Component Safety) information, by IPI and SIGN for a sfelly practices prior to performing these functions. Installers shall provide temporary bracing per ISSI. Unless noted otherwise top Chard soull have properly attached structural sheathing and bottom chard shall have a properly attached rigid ceiling, Locations shown for permanent lateral restraint of webs shall have a properly natural er ISSI sections ISSI 90 r III), as applicable. Apply plates to each fact of truss and position as shown above and on the John Letals, unless noted otherwise.

ITV Building Components Group Inc. shell not be responsible for any eviation from this drawing, any failure to boild the truss in conformacie with ARSI/TRI 10 of for invaling, shipping, installation is practing of trusses, a sea on with scheming or cover page listing this drawing indicates acceptance of professional engineering responsibility solely for the design, shown. The suitability and use of this grawing for any structure is the responsibility of the Building Designer per ARSI/TRI 18c.C. for more information see this job's general notes page and these westes.

IVBIG wealthrogogous IPI www.tpinst.org. 302h www.sbc.oriougstry.org. ICC: www.cccsofc.org

Earth City MO 63045



DATE REF SY42 Connection DRWG LSCSYX2A0913 9/20/13

04/16/2014

FAC

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ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837 Florida Engineering Certificate of Authorization Number 0 278 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID 1V6C487-Z0113155950

Truss Fabricator

Anderson Truss Company

Job Identification 13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose cre

Truss Count

Model Code Truss Criteria

Description

Florida Building Code 2010 FBC2010Com/TPI-2007(STD)

Engineering Software

Alpine Software, Versions 13.02, 12.03, 14.02.

Structural Engineer of Record

The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads

Roof - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

05/13/2014

Notes

Ref

Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

Walter P Finn -Truss Design Engineer-

No. 22839

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

Drawing# Date

1950 Marley Drive Haines City, FL 33844

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

Details: BRCLBSUB-12015EC1-GBLLETIN-GABRST10-PB16010

1 17792A1 20' Common 2 17793A2 20' Common 3 17794ADGE 20' Gable 4 17795B1 19'4" Common 5 17796B2 19'4" Common 6 17797-BDGE 19'4" Common 7 17798C1 19' Common 8 17799C2 19' Common 9 17800-C3 19' Common 17801CDGE 10' Gable 17803CJ18 1'9' Gable 17803CJ18 1'19' Jack 17804CJ18 1'19' Jack 17804CJ18 1'19' Jack 17804CJ18 1'19' Jack 17808CJ38 2'5"15 Jack 17809CJ5 4'3"4 Jack 17809CJ5 4'3"4 Jack 17810CJ58 5'7"9 Jack 17811CJ5B 4'3"4 Jack 17812-D 31'8" Stepdown 17814-DDGE 31'8" Gable 17817-E2 28' Stepdown 17818-E3 28' Stepdown 17819-E4 28' Stepdown 17822E7 7' End Jack 17823-G 29'8" Stepdown 17826-H11 28' Stepdown 17827-H13 28' Stepdow	- 1		KCI DOSOTIPOTON	Di uming"	
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36 17827-H13 28' Stepdown 14133003 05/13/14				,	1. 1.
	Į	36	17827-H13 28' Stepdown	14133003	05/13/14

#	Ref	Description	Drawing#	Date
37	17828	H13A 28' Stepdow	14133041	05/13/14
38	17829-	H7 28' Stepdown	14133032	05/13/14
39	17830-	H9 28' Stepdown	14133013	05/13/14
40	17831-	HJ7 9 1"6 Hip Ja	14133036	05/13/14
		HJ7A 9 446 Hip J	14133045	05/13/14
42	17833	MH7 28 Mono Hip	14133044	05/13/14
43	=17834-	MH9 28 Mono Hip	14133005	05/13/14
		PBD 5 7"8 Common	14133025	05/13/14
45	17836-	PBD1 2 8"3 Como	14133029	05/13/14
46		PBDG-51718 Gable	14133004	05/13/14
47	17838	PBE 5 2"11 Stepd	14133047	05/13/14
48		PBE1 5'2"11 Comm	14133008	05/13/14
49		PBG 3'8"10 Commo		05/13/14
50	17841-	PBG1 3'8"10 Comm	14133038	05/13/14

#31678 Revision



ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837 Page 1 of 1 Document ID 1V6C487-Z0113155950

Truss Fabricator Anderson Truss Company

13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose creek drive Job Identification

Truss Count

Model Code Florida Building Code 2010

Truss Criteria FBC2010Com/TPI-2007(STD)

Engineering Software Alpine Software, Versions 13.02, 12.03, 14.02.

Structural Engineer of Record

Address

Minimum Design Loads

Roof - 37.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 120 MPH ASCE 7-10 -Closed

Notes

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR9114

05/13/2014

-Truss Design Engineer-Walter P Finn

1950 Marley Drive Haines City, FL 33844

#### Revised Trusses

Description Drawing# 17805-CJ1B 8"10 Jack 14133043 05/13/14



sw rose creek drive Lake City, F - A1 20' Common THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 2x4 SP Bot chord 2x8 SP Webs 2x4 SP P 2850f-2 3E P SS B2 2x4 SP # P #3 华

Value Set

13-288E1--OWNER BUILDER /Becker Res

Roof

337

13B (Effective 6/1/2013)

Lumber value set 13B' uses design values approved 1/30/2013 by ALSC

Calculated horizontal deflection is 0 21" due to live load and 0 37" due to dead load

BC attic room floor loading 5-0-0 to 15-0-0 LL = 40~00~psf, DL = 10~00~psf, from

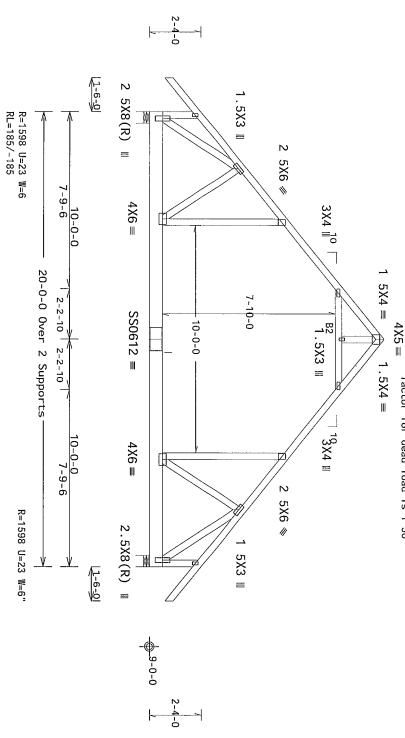
> 120 mph wind, 15 00 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, AS ASCE 7-10, CLOSED bldg, Located (P B, wind TC DL=3 5 psf, wind BC

design Wind loads and reactions based on MWFRS with additional C&C member

End verticals not exposed to wind pressure

Collar-tie braced with continuous lateral bracing at ceiling 24 8 or rigid

Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is  $1\,50\,$ Creep increase



PLT TYP 18 Gauge HS, Wave -- IMPORTANT

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS (MCLUDING INSTALLERS

Design Crit. FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of RSI (building Component Sarkety Information by IPI) and WTO) for sarkety procedures prior to perform any base functions. The ship provide temporary bracing per BSI (bloos noted otherwise top choice shill have properly attached structural sheathing and bettem chard shall have a properly attached rigid cast large characteristics. shall have a proporty attached rigid coiling Locations shown for permaner shall have bracing installed per BCSI sections B3 B7 or B10 as applicable

ITW But Iding Components Group Inc. (ITWECD) shall not be responsible for any day action from this dos any faiture to build the cruss in conformance with MRSI/TPI 1 or for handling an pping installation bracing of trusses. Apply places to each race of trust and position as shown above and on the Joint Doctals unless noted otherwise. Refer to drawings 160A-15 for standard place positions. A scal on the forming of cover page 1 sting this drawing lind action acceptance of professional angineering drawing or cover page 1 sting this drawing lind action acceptance of professional angineering. unless noted otherwise Refer to draw --ty solely

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278

iccsafe org

13 02 CENS YONAL ENG io. 22839 KORIO! TATE OF 05/1 QTY:5 TC LL FL/-/5/-/-/R/-

13/2014		WEE!	9 ) Summ	nenn:	Milli	A Park
SPACING	DUR.FAC.	TOT.LD	BC LT	BC DL	TC DL	TC LL
24.0"	1.25	37 0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369575	HC-ENG JB/WPF	DRW HCUSR9114 14133024	DATE 05/13/14	REF R9114- 17792

Scale = .25"/Ft.

Top chord 2x4 SP 2 Bot chord 2x8 SP 3 Webs 2x4 SP 3 P 2850f-2 3E P SS B2 2x4 SP #1 P #3

Value Set

( 13-288E1--OWNER BUILDER /Becker Res

Roof --

13B (Effective 6/1/2013)

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

Calculated horizontal deflection is 0 20" due to live load and 0 35 due to dead load  $\,$ 

BC attic room floor loading 5-0-0 to 15-0-0 |-|-40 00 psf, DL = 10 00 psf, from

MWFRS loads based on trusses located at least 7 edge  $\,$ 50 ŧ from roof

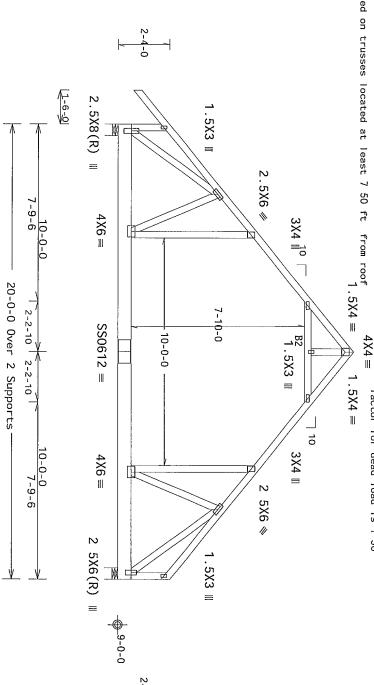
> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf ft mean hgt, ASCE 7-10, CLOSED bidg, not located roof edge, RISK CAT II, EXP B, wind TC DL=3 5 ps: GCpi(+/-)=0.18psf

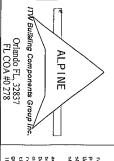
Wind loads and reactions based on MWFRS with additional C&C member

End verticals not exposed to wind pressure

Collar-tie braced with continuous lateral bracing at ceiling 24" 8 or rigid

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep





\*\* IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP

<del>2</del>∞

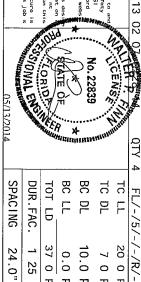
Gauge HS, Wave

RL=158/-171 R=1602 U=22 W=6

R=1500 U=13 W=6'

Trusses require extreme care in fabr cating handling at pping installing and pricing Refer to a follow the latest edition of BGSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing those functions. Installers shall provide temporary bracing per BCSI Unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in glicidations shown for permanent lateral restraint of websital have a properly attached in glicidation on shown there are properly attached in glicidations shall have a properly attached in glicidation of shall have a properly attached in glicidation of shall have a properly attached in glicidation of shall have a properly attached or BCSI sections 83 87 or 810 as applicable.

ITW Bu ld ng Components Group Inc (ITWED) shall not be respons the for any deviat on any fa lunc to build the trust in conformance with ARSI/TPI 1 or for handling an ppling brazing of trustees. Apply plates to each free or frues and post to as shown above and o Details unless motor obtain was. Retroit of the mass acceptance or profess and emphase because of cover page for string the Retroit of the sacroptance or profess and emphase response to cover page for the design shown. The sacroptance or profess and emphase response to two levely for the Bu iding Designer per ANSI/TPI 1 Sec 2. For more infromet or so the response to the Committee of the from this design installation on the Joint A seal on this



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SPACING	DUR.FAC.	TOT LD	BC LT	BC DL	TC DL
24.0"	1 25	37 0 PSF	0.0 PSF	10.0 PSF	7 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369596	HC-ENG JB/WPF	DRW HCUSR9114 14133039	DATE 05/13/14

20 0 PSF

REF R9114- 17793

Scale

.25"/Ft.

Value Set 13-288E1--OWNER BUILDER /Becker 13B (Effective 6/1/2013) Res Roof 337 WS rose creek drive Lake City,

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3
Stack Chord SC1 2x4 SP

\* Stack Chord SC2 2x4 Ş #1

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

End verticals not exposed to wind pressure

Truss spaced at 24 0  $\,$  0C designed to support 2-0-0 top chord outlookers Cladding load shall not exceed 10 00 PSF Top chord not be cut or notched must

Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24 o c intervals Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24 o c Center plate on stacked/dropped chord interface plate length perpendicular to chord length Splice top chord in notchable area using 3x6

fasten rated sheathing to one face of this frame

 $(\ensuremath{^{**}})$  2 plate(s) require special positioning Refer to plot details for special positioning requirements scaled plate

120 mph wind 15 00 ft mean hgt ASCE 7-10 anywhere in roof RISK CAT II EXP B wind DL=5 0 psf GCpi(+/-)=0 18 CLOSED bidg, TC DL=3 5 psf Located wind BC

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left( 1\right) +\left( 1\right) +$ 

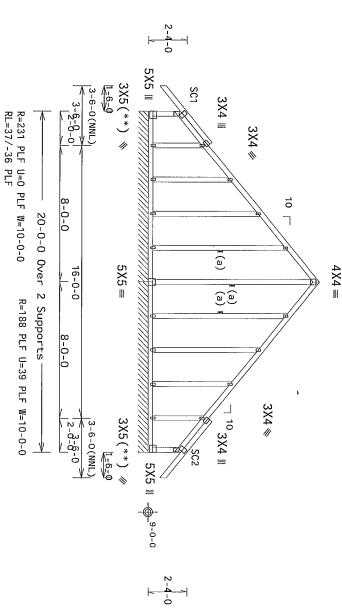
Calculated horizontal due to dead load deflection is 0 2 due ţ live load and 0 35

See DWGS A12015ENC100212 GBLLETIN0212 & GABRST100212 for more

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace TC @ 24" 0 C

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



Note All Plates Are \_\_ 5X3 Except As Shown Design

ΤYP

Wave

IMPORTANT\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

Crit

13.02

Trusses require extreme care in fabricating handling as pping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Eafety Information by TPI and WTCA) for sarety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bluess noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid coaling. Locations shown for permanent lateral restraint of webs shall have a properly attached rigid coaling.

ITW Building Components Group Inc. (ITWBCC) shall not be respons bile for any deviat on from this design any failure to build the truss in conformance with AMSI/TPI 1 or for handing ship ping installation abracing of trusses. Apply places to each face of truss and position as shown above and on the John Deta is, unless noted otherwise. Refer to drawings 100A-Z for standard place positions. A seal on this drawing or cover page ilsting this drawing indicates acceptance of professional engineering responsibility of the design shown. The suitability and use of this dos go for any structure is the responsibility of the duilding Designer per AMSI/TPI 1 Sec. 2 for more information see. This job is the responsibility of the duilding Designer per AMSI/TPI 1 sec. 2 for more information see. This job is general notes page ITW-BCC www.itwbcg.com. TPI www.tpinst.org. WTCA www.sbcindustry.com. motes page | | w iccsafe org

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ALPINE

Orlando FL, 32837 FL COA #0 278

CENS SIONAL ENGINE ¥o. 22839 )5/13/2014

QTY 1	QTY 1 FL/-/5/-/-/R/-	-/-/R/-	Scale =.1875"/Ft.
•	TC LL	20 0 PSF	REF R9114- 17794
Willi	TC DL	7 0 PSF	DATE 05/13/14
nish	BC DL	10.0 PSF	DRW HCUSR9114 14133018
WILLIE .	BC LL	0.0 PSF	HC-ENG JB/WPF
******	TOT LD.	37.0 PSF	SEQN- 37770
	DUR.FAC	1.25	FROM JMW
	SPACING	24.0"	JREF- 1V6C487_Z01

( 13-288E1--OWNER BUILDER /Becker Res Roof --THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR 337 sw rose creek drive Lake City, F - B1 19'4' Common )

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with '13B" use design values approved  $1/30/2013\,$  by ALSC

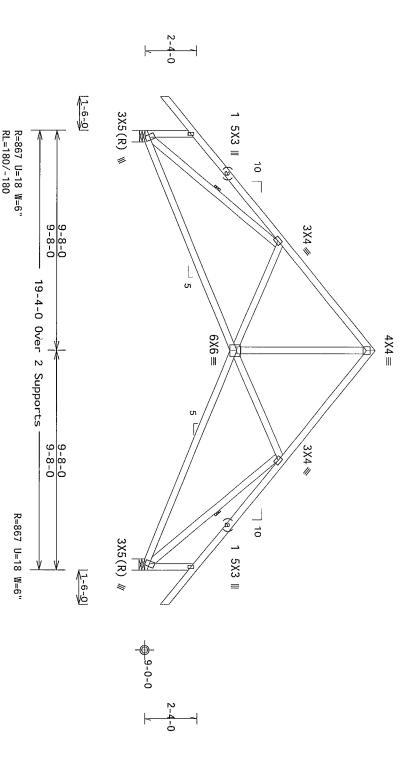
End verticals not exposed to wind pressure

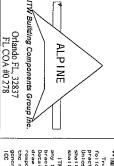
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on member





\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

"IMPORTANT" FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP

Wave

Trusses roop to extreme care in fabr cat mg handling shipping installing and bracing Refer to and follow the latest edition of BCSI (Building Component Safety Informat on by IPI and WTGA) for safety practices prior to performing these functions in fastallers shall provide temporary bracing per BCSI will be properly attached structural sheathing and bottom chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid calling Locations shown for personnent lateral restraint of websitall have a properly attached rigid calling Locations shown for personnent lateral restraint of websitall have brace mg matalled por BCSI sections 83 B7 or B10 as applicable

ITW But it in Components Group Inc. (ITMBGD) shall not be ASSI/PPI to For any deviation from this design any failure to a unit the trust in confirmance with ASSI/PPI to For handling and ppling installation because of fractions of the ASSI/PPI to For handling and ppling installation and the ASSI/PPI to Confirmation and the ASSI/P



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SPACING	DUR.FAC.	TOT LD.	BC LL	BC DL	TC DL	TC LL
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JREF- 1V6C487_Z01	FROM JMW	SEQN- 357621	HC-ENG JB/WHK	DRW HCUSR9114 14133019	DATE 05/13/14	REF R9114- 17795

Scale =.25"/Ft

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, F - B2 19'4' Common ) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 2x4 SP #1-13B Bot chord 2x4 SP #1-13B Webs 2x4 SP #3-13B

Lumber grades designated with '13B' 1/30/2013 by ALSC use design values approved

End verticals not exposed to wind pressure

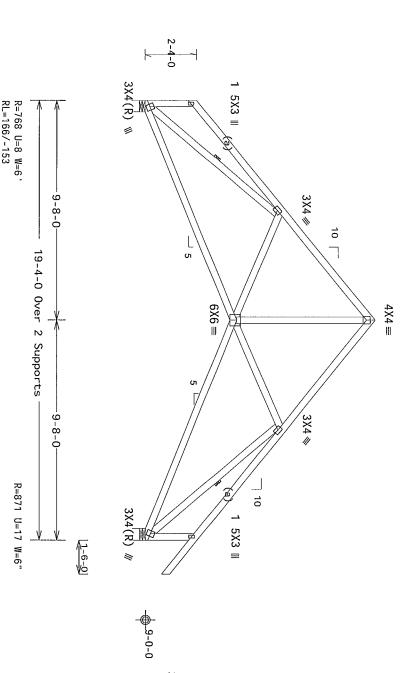
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50Creep increase

> 120 mph wind, 15 00 within 9 00 ft from wind BC DL=5 0 psf 15 00 ft mean hgt, ASCE 7-10, CLOSED bidg, not located roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psi GCpi( $\pm$ /-)=0 18 psf,

Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced 9

MWFRS loads based on trusses located at least 7 50 ft from roof edge



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE I'll Bu uld ing Components Group inc. (I'l'BEGU) shall not be respons be for any dow at ow from this any fa luric to be uild the trusts in conformance with MSI/TP1 in or for heading all pain pain pain attail at brace of of trusts on a formal paint, and a pain paint on the country of trusts and paint paint on the country of the paint is unless income particularly paints in the paint of the pai Trusses require extreme care in fabr eating handling shipping installing and bracking Refer to if follow the latest of tion of BSS (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bliness noted otherwise top chord shall have properly attached structural sheathing and betten chord shall have a properly attached right due to inglicious cross shear for permanent lateral restraint of well shall have a properly attached right due to see the properly attached the desired to see the second shall have a properly attached right due to see the properly attached the desired to see the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached right due to the second shall have a properly attached to the second shall have a properly attached right due to the second shall have a properly attached to the second shall have a properly attached right due to the second shall have a properly attached to the second shall · IMPORTANT · ·

PLT TYP

Wave

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

12.03 04

FL/-/5/-/-/R/-

DATE

05/13/14

REF

Scale =.25"/Ft. R9114- 17796

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS DUR FAC. BC LL BC DL TC DL TC LL SPACING TOT LD 37 0 20 0 PSF 24.0" 1.25 10 0 PSF 0 0 PSF 7.0 PSF

PSF

SEQN-

HC-ENG

JB/WHK 357622

DRW HCUSR9114 14133035

FROM

MML

JREF-

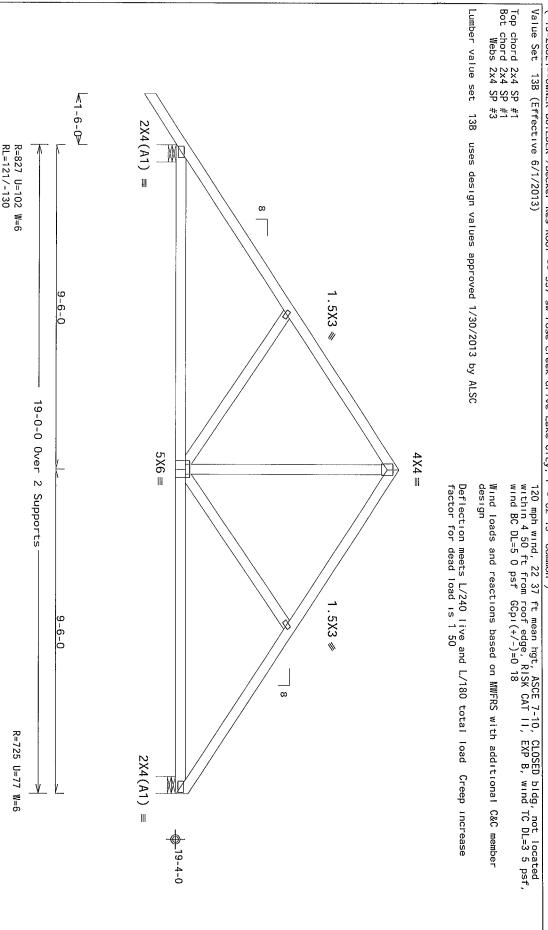
1V6C487\_Z01

77 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR BDGE 19 4' Gabie )

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
Stack Chord SC1 2 Deflection meets L/240 live and L/180 total load increase factor for dead load is 1.50  $\,$ (a) Continuous lateral restraint equally spaced on member See DWGS A12015ENC100212 Gable end supports 8 End verticals not exposed to wind pressure Value Set 13B (Effective 6/1/2013) ITW Building Components Group Lumber value set ( 13-288E1--OWNER BUILDER Ŧ Orlando FL, 32837 FL COA #0 278 All Plates ALPINE Wave 13B" uses design values approved 1/30/2013 by ALSC 1.5X4 Are 1 5X3 Except As Shown SP max # GBLLETIN0212, & GABRST100212 for more rake overhang ITW But it in goepenents droup inc. (ITWBCD) shall not be responsible for my would not from the say failure to be uit the tries in conformance with MASI/TP1 in or for handing shiping maturiate break no of truescand post of the shown above and on the John Details unless ended otherwise. Before of truescand position as shown above and on the John Details unless ended otherwise. Before of the maje 180A-Z for standard plates post ons A scale on drawing or cover page. Sting this drawing indicates acceptance of professional and people of the drawing indicates acceptance of professional and people of the drawing indicates acceptance of professional and people of the drawing indicates acceptance of professional and people of the drawing indicates acceptance of professional and people of the drawing indicates acceptance of the design for any structure. Trusses require extreme care in fabr ceting handling shipping installing and bracing Refer to follow the latest edition of BCSI (Bailding Component Safety Information by JPI and WTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI linioss noted otherwise top chord shall have properly attended structural sheathing and betten chord shall have a properly attended in decidence on shown for permanent lateral restraint of west shall have a properly attended in the consistence of the location of shall have a properly attended in the consistence of the consis /Becker \*\* IMPORTANT < 4-0-0(NNL) Stack Chord SC2 2x4 1-6-9 1.5X4(\*\*) 3X4(R) ∥ Res \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS R=80 PLF U=0 PLF W=18-10-0 3X4 Roof Design Crit 10 337 sw rose creek drive Lake City, SÞ FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) 19-4-0 (a) 0ver 5X5 <u>≅</u> 4X4 = 24-3-2 2 Supports (a) Stacked top chord must NOT be notched or cut in area (NNL) Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24 o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area using 3x6 Fasten rated sheathing to one face of this frame Calculated horizontal deflection is 0 08 due to dead load 120 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on (\*\*) 2 plate(s) require special positioning Refei plot details for special positioning requirements 13 02.07 CENSE No. 22839 ENGIN R=191 Rw=203 U=91 W=6" 70 3X4 ∥ 1-6-7 3X4(R) ₩ 5X4(\*\*) Ⅲ QTY 1 4-0-0(NNL) 1-6-9 3X4 Ⅲ MWFRS with additional C&C member BC LL BC DL TC DL SC2 SPACING DUR.FAC. TOT.LD FL/-/5/-/-/R/due to live load and 0 18 Refer 37.0 10.0 PSF 20 0 PSF 1.25 24 0.0 PSF 7.0 PSF o PSF bldg, Located 5 psf, wind BC ç scaled plate DATE REF FROM DRW HCUSR9114 14133002 SEQN-HC-ENG JREF- 1V6C487\_Z01 Scale = .25"/Ft. R9114- 17797 JB/WPF 05/13/14 369605

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP Wave Value Set Lumber value set "13B Value Set 13B (Effective 6/1/2013) ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE <1-6-0₽ #1 #3 2X4(A1) =uses design values approved 1/30/2013 by ALSC R=822 U=100 W=6 RL=143/-143 ITW Building Components Group Inc. (ITWBGG) shall not be responsible for any doviation from this any failure to build the truss in conformance with AMSI/TP 1 or for handling shapping installars brace not of trusses. Apply plates to each face of truss and post tion as shown above and on the Jor Details unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal or Trusses require extreme care in fabricating handing stipping installing and procing flerer to iterative the latest extreme care in fabricalisms. Trusses require extreme the latest extreme for the flerest case prior to performing those functions. Installers shall provide temporary bracing per BESI bries exceed otherwise temporary shall have properly attacked structural sheathing and bottom chord shall have a properly attacked right on ing. Locations shown for permanent lateral restraint of well shall have a properly attacked. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS  $\infty$ Roof --Design Crit 337 sw rose creek drive Lake City, 1.5X3 ∥ 9-6-0 FT/RT=10%(0%)/0(0) 19-0-0 Over 5X6 ≡ 4X4 = THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - C1 19 Common ) 2 Supports Wind loads and reactions based on MWFRS with additional C&C member design  $\,$ 120 mph wind, 22 37 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 Deflection meets L/240 live and L/180 total factor for dead load is 1.50  $\,$ 13 02 07 CENSA 1.5X3 ₡ 9-6-0 n hgt, AS 7 ASCE 7-10, CLOSED bldg, Located P B, wind TC DL=3 5 psf, wind BC BC DL BC LL TC DL SPACING DUR. FAC TOT LD TC LL FL/-/5/ω R=822 U=100 W=6 load /-/R/-24.0" 1 25 37.0 PSF 10.0 PSF 20 0 PSF 0.0 PSF 7 0 PSF 2X4(A1) =Creep increase K1-6-0₽ DATE FROM DRW HCUSR9114 14133048 SEQN-HC-ENG REF R9114- 17798 JREF- 1V6C487\_Z01 Scale = 375"/Ft JB/WPF 05/13/14 37556

Value Set 13B (Effective 6/1/2013) ( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - C2 19 Common ) 120 mph wind, 22 37 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 ps psf



ITW Building Components Group

I'W Building Components Group Inc (ITWBGG) shall not be respond any failure to build the truss in conformance with ARSI/IPI 1 o. braicing of trusses. Apply places to each face of truss and positional is unless noted otherwise. Refer to drawing 160A-Z for a drawing or cover page 1 st ng th s drawing indicates acceptance responsibility solely for the design sham. The suitability and the responsibility solely for the Building Designer per ANSI/IPI 1 Sec 2

or for handling sh

inani.

BC LL BC DL TC DL

0.0 PSF

HC-ENG

JB/WPF

10.0 PSF

DRW HCUSR9114 14133037

T0T LD

37.0 PSF

SEQN-

37520

This job

95/13/2014

DUR.FAC.

FROM

MMC

SPACING

24.0" 1.25

JREF-

1V6C487\_Z01

Trusses require extreme care on fabricating handling shipping netted in gaind bracking Refer to a follow the latest edition of BCSI (Building Component Sefety Information by TPI) and BTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracking per BCSI ultimates to perform in the properly attached structural shouthing and bottom chord shall have properly attached structurals shouthing and bottom chord shall have a properly attached rigid con ing. Locat ones shown for permanent lateral restraint of websital have a properly attached rigid con ing. Locat ones shown for permanent lateral restraint of websital have a properly attached per BCSI sections 83 87 or B10 as applicable.

ALPINE

Orlando FL, 32837 FL COA #0 278

PLT TYP

Wave

· · IMPORTANT · ·

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

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QTY

FL/-/5/-/-/R/-

TC LL

20 0 PSF

REF R9114- 17799

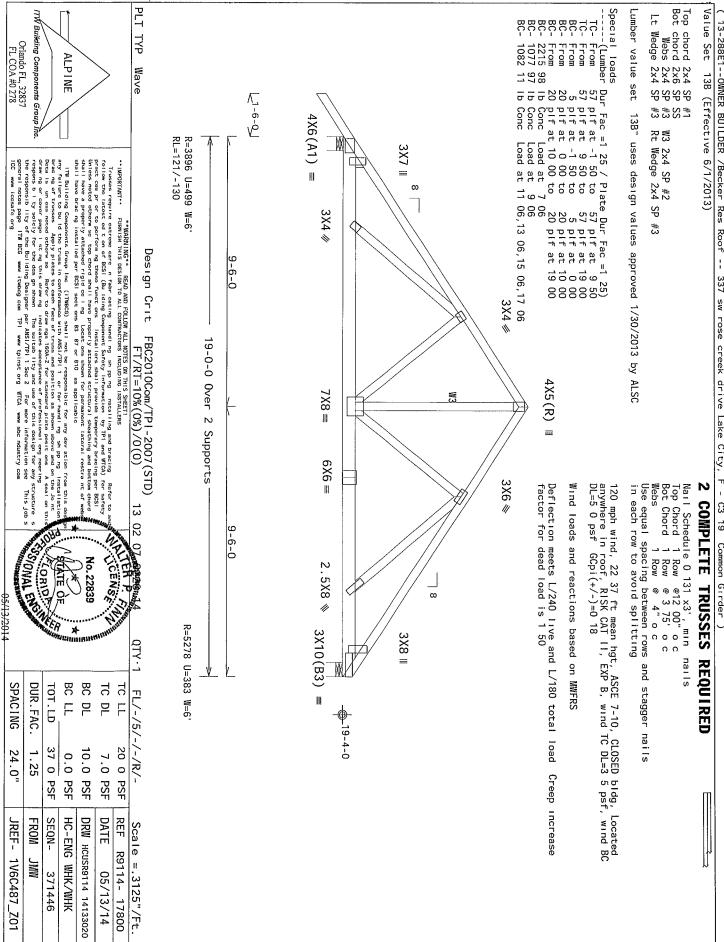
Scale = .375"/Ft.

7.0 PSF

DATE

05/13/14

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - C3 19 Common Girder )



sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER F - CDGE 10' Gabie )

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Stack Chord SC1 Value Set 13B (Effective 6/1/2013) Lumber value set '13B" uses design values approved 1/30/2013 by ALSC P #1 5 #1 1 #3 2x4 ŞÞ 产

( 13-288E1--OWNER BUILDER /Becker Res

Roof

337

Stack Chord SC2 2x4 SP #

See DWGS A12030ENC100212, GBLLETIN0212, & GABRST100212 for more

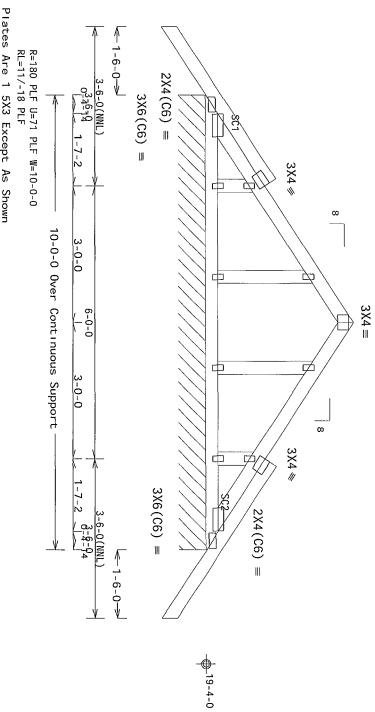
Deflection meets L/240 live and L/180 total load factor for dead load is 1  $50\,$ Creep increase

> 120 mph wind, 20 70 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCp:(+/-)=0 18 n hgt, ASCE 7-10, II, EXP B, wind CLOSED bldg, Located TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member

Truss spaced at 24 0" OC designed to support 2 outlookers Cladding load shall not exceed 10 not be cut or notched 2-0-0 top chord 0 00 PSF Top chord must

Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24" o c intervals Attach stacked top chord (SC to dropped top chord in notchable area using 3x4 tie-plates 24" o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length Splice top chord in notchable area using 3x6



Note All Plates Are 1 5X3 Except As Shown

PLT TYP

Wave Trussos require extrome care in fabricating handling shipping installing and bracking Befor to a follow the latest edition of BSSI (Building Geopenet Safety Information by IPI) and WTGA) for safety practices prior to performing these functions. Installing is shall provide temporary braicing per BSSI (blicks noted otherwise top chord shall have properly attended structural shoathing and bettom chord shall have a properly attended rigid certified. Leatings shown for persanent lateral restraint of webshall have a properly attended for BSSI sections 83 87 or 810 as applicable. · IMPORTANT · · \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Design Crit: FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

ITW But it ing Components Group Inc. (ITWBCG) shall not be reapons be for any deviation from the deal any failure to build the trusts in conformance with MSL(TPP) in or for handling all pping installations brack ago of trusses. Apply places to each face of truss and position as shown above and on the Joint Decall's unless nected otherwise. Refer to drawing a 160A-7 for standard plate positions. A seal on the drawing or cover page is ting the drawing indicates acceptance of professional engineering the grawing indicates acceptance of professional engineering respons be it you lay for the design shown. The suitability and use of this design for any structure the respons be it you the building Designer por MSL/TPI i Sec 2. For more information see. This job general notes page in 110-BCC www.itubecg.com. TPI www.tpinstorg. WTCA www.sbcindustry.com. r any structure is n see Th s job s y com

ITM Building Components Group Orlando FL, 32837 FL COA #0 278

ALP I NE

13.02.07 CENSE SONAL ENGINEERS Vo. 22839 05/13/2014 97:1 7 TC FL/-/5/-/-/R/-

F

20.0 PSF

REF Scale

R9114- 17801 =.5"/Ft

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 371171	HC-ENG WHK/WHK	DRW HCUSR9114 14133006	DATE 05/13/14

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
Stack Chord SC1 2 Note PLT TYP Deflection meets L/240 live and L/180 total load factor for dead load is 1.50 See DWGS A12030ENC100212, GBLLETIN0212, & GABRST100212 for more Value Set requirements ITW Building Components Group Lumber value set ( 13-288E1--OWNER BUILDER /Becker Res Roof --Orlando FL, 32837 FL COA #0 278 All Plates Are 1 5X3 Except As Shown. ALPINE Wave 13B (Effective 6/1/2013) K1-6-0₽ 2x4 ### #### 13B 2X4(C6) =3-6-0(NNL) 0376791-7-2 Ş 3X6(C6) =uses RL=62/-62 PLF R=375 PLF U=54 PLF **\***1 I'll Build ng Components Group Inc. (178602) shall not be responsible for any days an from this deal any failure to be lid the trusts in conformance with MRSI/TP! 1 or for handling along an high or metallist on brain group of trusts on position as through above many on the Joint Decality in each mode of the second from the Joint Decality in each mode of the way as Refer to drawings 160A.2 for standard plates positions a Assil on the Crawings or cover page of ting this prowing for any fine suitable from the formation group of the Building Designer por ANSI/TP! 1 Sec 2 for more information see. This job control that the suitable from the formation of the Building Designer por ANSI/TP! 1 Sec 2 for more information see. This job control that the suitable from the formation of the Building Designer por ANSI/TP! 1 Sec 2 for more information see. This job control that the formation of the Building Designer por ANSI/TP! 1 Sec 2 for more information see. Trusses require extreme care in fabricating handling at pping netail ng and pracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI liniess noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid cet ing. Locations shown for permanent lateral restraint of webs shall have a properly attached for BCSI sections 83 87 or 810 as applicable. \*\* IMPORTANT \*\* design values approved 1/30/2013 by ALSC Stack Chord SC2 2x4 SP 3X4 ₡ \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) W=4-6-0 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR 337 sw rose creek drive Lake City, F - CDGE1 19' Gable ) Creep increase 7 - 6 - 0ω 19-0-0 Over 2 Supports 3X4 *∞* 3X4 = Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24" o c intervals Attach stacked top chord at 24" o c intervals Attach stacked top chord at 24" o c Center plate on stacked/dropped chord interface, plate on stacked/dropped chord interface, plate at 24' o c Center plate on stacked/dropped chord in notchable 15-0-0 3X4 ≡ Truss spaced at 24 0" 0C designed to support 2-0-0 top chord outlookers Cladding load shall not exceed 10 00 PSF. Top chord must not be cut or notched Wind loads and reactions based on MWFRS with additional C&C member 120 mph wind, 22 20 ft mean hgt, ASCE anywhere in roof, RISK CAT II, EXP B, DL=5 0 psf GCpi(+/-)=0 18 ength perpendicular to chord length eausing 3x6 13.02.07 CENS No. 22839 (ORIOF Ã 7-6-0 ω 05/13/2014 R=375 PLF U=54 PLF W=4-6-0 QTY:1 ASCE 7-10, CLOSED bldg, Located XP B, wind TC DL=3 5 psf, wind BC BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. TC LL FL/-/5/-/-/R/-Splice top chord in notchable 3X4 ∥ 3X6(C6) 24.0" 1.25 37.0 PSF 20.0 PSF 10.0 PSF 7.0 PSF 0 0 PSF 2X4(C6) =11 **1-6-0** FROM DATE REF DRW HCUSR9114 14133011 JREF-SEQN-HC-ENG Scale = .375"/Ft R9114- 17802 1V6C487\_Z01 MIK/WIK 05/13/14 371464 ⊕19-4-0

п THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER - CJ1 8"10 Jack )

13-288E1--OWNER BUILDER /Becker Res Roof ļ 337 sw rose creek drive Lake City,

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Value Set 13B (Effective 6/1/2013)

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

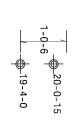
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

120 mph wind, 19 54 ft mean anywhere in roof, RISK CAT | DL=5 0 psf GCpi(+/-)=0 18 in hgt, ASCE 7-10, CLOSED bldg, Located wind TC DL=3 5 psf, wind BC

des i gn Wind loads and reactions based on MWFRS with additional C&C member

R=-94 Rw=30 U=73

0-5-15 9



R=-15 Rw=9 U=10

3X4 (B1)

<- 1-6-0->d

0-8-10 Over 3 Supports Design Crit R=258 U=49 W=6" RL=33/-27 FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

13 02.07

QTY:2

FL/-/5/-/-/R/-

Scale =.5"/Ft.

PLT TYP

Wave

Trusses require extreme care in fabricating handing shipping installing and bracing Refer to a follow the latest edit on of BESI (Building Component Safety Information by TPI and WTGA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BESI will have properly attended the provide temporary bracing and bottom chord shall have a properly attended rigid cecin ing Lecations shown for permanent lateral restraint of web shall have a properly attended rigid cecin ing.

I'W Building Components Group Inc (1TWBCG) shall not be responsible for any deviation from this damy failure to build the truss in conformance with ANSI/MPI 1 or for handling shipping nesalist bracing of trusses. Apply places to each face of truss and post on as shown above and on the Jo not becall is unless noted otherwise. Refer to drawings 160A-Z for standard plate post one. A seal on drawing or cover page 1 st mg this drawing and course of professional engineering responsibility of the dosign shown. The suitability and use of this design for any structure the responsibility of the dosign shown. The suitability and use of this design for any structure the responsibility of the dosign shown. The suitability and use of this design for any structure the responsibility of the dosign shown. The suitability and use of this design for any structure the responsibility of the dosign shown.

AND TER P. A No. 22839 **40810** TATE OF TC LL

05/15/2014		No.	SER MINISTER			White S	P. S.
	SPACING	DUR FAC.	TOT.LD	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
	JREF- 1V6C487_Z01	FROM JMW	SEQN- 369296	HC-ENG JB/WPF	DRW HCUSR9114 14133026	DATE 05/13/14	REF R9114- 17803

13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER IMPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - CJ1A 1'1'9 Jack )

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

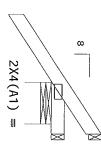
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

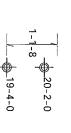
Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1  $50\,$ 

120 mph wind, 19 58 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0.18

design Wind loads and reactions based on MWFRS with additional C&C member

R=-38 Rw=19 U=33





R=-9 Rw=14 U=8

←1-6-0-> 1-1-9 <u>Over 3 Supports</u>

R=226 U=38 W=11' RL=35/-25

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP

Wave

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trusses require extreme care in fabricating banding shipping installing and bracking Refer to a follow the latest edit on of 803 (Building Component Safety Information by TPI and MTGA) for safety practices prior to performing these functions. Installiers shall provide temporary bracking per BS31 Unless noted otherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly attended rigid etc. In Locations shown for permanent lateral restraint of weak shall have a properly attended rigid etc.

I'W Building Components Group Inc. (ITWBCG) shall not be respons ble for any deviation from this diangle for any failure to build the trues in conformance with AMSI/TPI 1 or for handling shipping installat breeing of truesses. Apply plates to each face of trues and position as shown above and on the Joint of the process is unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A see on drawing or covering plates the grain giving latest secondard plate positions. A see on drawing or coverings plate in gits given giddletters acceptement of profess entilling notes and any deviation of profess entilling the selection of the design shown. The suitable it yand use of this design for any structure the responsibility for the design shown. The suitable it yand use of this design structure the responsibility of the Building Designer per AMSI/TPI 1 Sec. 2 for more information see. This joint profess and the profess of the design structure that the profess of the design structure the responsibility of the Building Designer per AMSI/TPI 1 Sec. 2 for more information see. This joint profess are professed in the professed professed in the professed professed in the professed pro

ITM Building Components Group

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Orlando FL, 32837 FL COA #0 278



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								ω
	SPACING	DUR FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL	QTY 3 FL/-/5/-/-/R/-
	24.0"	1.25	37.0 P	0.0 P	10.0 P	7.0 P	20.0 P	-/-/R/-

	7	WINNE TT	X With	turen.	A FEBRUA	,
SPACING	DUR FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369306	HC-ENG JB/WPF	DRW HCUSR9114 14133017	DATE 05/13/14	REF R9114- 17804

Scale =.5"/Ft.

05/15/2014

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR ( 13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose creek drive Lake City F - CJ1B 8'10 Jack )

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 Value Set 13B (Effective 6/1/2013)

Lumber value set 138 uses design values approved 1/30/2013 by ALSC

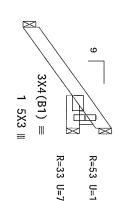
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

(\*\*) 1 plate(s) require special positioning Refer plot details for special positioning requirements scaled plate

120 mph wind, 19 54 ft mean hgt, ASCE 7-10, CLOSED anywhere in roof RISK CAT II, EXP B, wind TC DL=3 DL=5 0 psf GCpi(+/-)=0.18bldg, L 5 psf, Located , wind BC

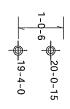
Wind loads and reactions based on MWFRS with additional C&C member

1 5X3(\*\*) Ⅲ



R=86 U=0

R=53 U=12



<del>\_</del>18-4-1

2-P-10 Over 3 Supports

ITが Bu端ding Components Group Orlando FL, 32837 FL COA #0 278 ALPINE Wave IMPORTANT\*\*

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

/R/-

Scale =.5"/Ft.

DATE

05/13/14

DRW HCUSR9114 14133043

SSB/WPF

REF

R9114- 17805

PLT TYP

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Trusses require extreme care in fabricating handing shipping installing and bracing Refer to a follow the latest edition of BSSI (Building Component Safety Information on by IPI) and WICA) for safety practices prior to performing those functions installates shall provide temporary bracing per BSSI will be seen to perform any those functions installates shall provide temporary bracing per BSSI will be seen to be determined to be shall have a properly attached a structural shaething and bettom chord shall have a properly attached for deciling licent one shamed for permanent lateral restraint of weak shall have a properly attached per BSSI sections 83 87 or 810 as applicable.

I'W Bu id ng Components Group inc. (ITWBCC) shall not be reapons be for any deviation from this any failure to build the truss in conformance with ANSI/TPI 1 or for handling ship might be bracing of trussess. Apply plates to each face of truss and position above and on the Join Details unless moted otherwise. Refer to drawings 1804-7 for standard plate positions. A seal on drawing or cover page 1 string this drawing in detection of professional engineering respons be lity solely for the design shown. The suitable I ty and use of this design for any structure respons be 1 ty of the Bull dng Designer por ANSI/TPI 1 Sec. 2 for more information see. This understands are tubed to the respons be 1 ty of the Bull dng Designer por ANSI/TPI 1 Sec. 2 for more information see. This is the content of the suitable of the sec. w ccsafe org

05/15/2014	Printing and a second	8	TO THE OF SERVICE	***************************************	No. 22839	CENS Y WILLIAM	TER P. Market	CAN CONTRACTOR OF THE PARTY OF
	SPACING	DUR FAC	T0T LD	BC LL	BC DL	TC DL	TC LL	FL/-/3/-/-/K/-
	24.0"	1.25	37 0 PSF	0 0 PSF	10.0 PSF	7.0 PSF	20.0 PSF	-/-/K/-

SEQN-HC-ENG

1775

REV

JREF-FROM

1V6C487\_Z01

13-288E1--OWNER BUILDER /Becker Res Roof 337 SW rose creek drive Lake City THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - CJ3 2 5 15 Jack )

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

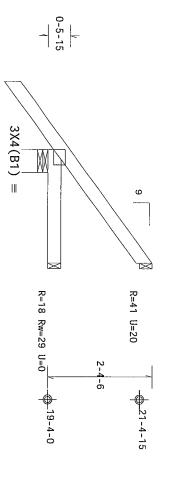
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

n hgt, ASCE 7-10, CLOSED bidg, Located

120 mph wind, 20 20 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18

Wind loads and reactions based on MWFRS with additional C&C member desıgn



1-6-0-₩ 2-5-15 Over 3 Supports

R=228 U=18 W=6

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

Design Crit

PLT TYP

Wave

Trusses require extreme care in fabricating banding at pping installing and bracing Refer to a fooling the latest of time of 8651 (Building Component Safety Information by TPI and WTGA) for safety practices prior to performing those functions. Installars shall provide temporary bracing per BCSI whiles noted otherwise top chord shall have proporly attended structural shoathing and bottom chord what have a property attended figliciating Locations shown for permanent lateral restraint of well shall have a property attended for BCSI sections BS B7 or B10 as applicable.

ITW Building Components Group inc. (ITWBCC) shall not be respons be for any deviation any failure to build the truss in conformance with ARS/I/P) if or for handling shippin bracing of trusses. Apply places to each face of truss and position as shown above an Docta is unless needed otherwise. Refer to drawings 160A-Z for standard place pool to be any or cover page listing the third provides acceptance or profession and response bility page 18 to get bits draw my indicates acceptance or profession and needed to the design shown. The suitable ty and use of this does go to the responsibility of the design shown. The suitable ty and use of this does go to the responsibility of the design shown. The suitable ty and use of this does go to the responsibility of the design shown. The suitable type of the design shown the suitab

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



BC LL BC DL TC DL SPACING DUR.FAC. TC LF 101 LD 37.0 PSF 24.0" 20 0 PSF 1.25 10.0 PSF 7.0 PSF 0.0 PSF DATE FROM REF JREF-HC-ENG DRW HCUSR9114 14133022 SEQN-R9114- 17806 1V6C487\_Z01 MM JB/WPF 05/13/14 369286

Scale =.5"/Ft.

05/13/2014

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER F - CJ3A 3 4 9 Jack )

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

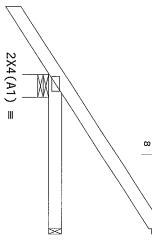
Lumber value set 13B uses design values approved 1/30/2013 by ALSC

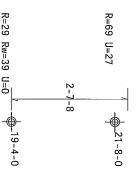
Deflection meets  $L/240\,$  live and  $L/180\,$  total load. Creep increase factor for dead load is 1.50

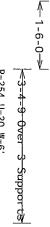
120 mph wind 20 33 ft mean hgt, ASCE 7-10, CLOSED anywhere in roof RISK CAT II EXP B, wind TC DL=3 DL=5 0 psf GCpi(+/-)=0 18 5 psf, Located , wind BC

Wind loads and reactions based on MWFRS with additional C&C member

design







Design Crit R=254 U=20 W=6' RL=67/-32 FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

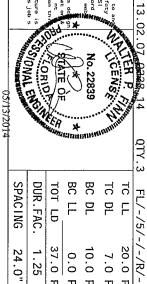
ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> · IMPORTANT - -\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

PLT TYP Wave

Trusses require extreme care in fabr cating handling shipping installing and bracing Refer to a follow the latest et a on or BCSI (Building Component Safety Information by IPI and WTGA) for safety practices prior to perform any these functions I installers shall provide temporary bracing per BCSI fulless noted otherwise top chord shall have properly attained in a formation of the control of th

I'W Building Components Group Inc. (ITMBCG) shall not be responsible for any deviat on from this day failure to build the cruss in conformance with AMS/ITPI 1 or for handing shipping installate there may office trusses. Apply plates to each face of truss and position as shown above and on the Joint Details unless necessions. Before to drawings 160-27 for standard plates positions and the Joint drawing or cover page; it mughts of trawing in desires acceptance of professional anginaring responsibility society for the dosign shown. The suitability and use of this design for any structure the responsibility society for the dosign shown. The suitability and use of this design for any structure the responsibility society for the dosign shown. The suitability and use of this design for any structure the responsibility society for the dosign shown the suitability and use of this design for any structure the responsibility society for the dosign shown the suitability and use of this design for any structure.



			*******	4,114		
SPACING	DUR.FAC.	דסד עס	BC LL	BC DL	TC DL	TC LL
 24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369283	HC-ENG JB/WPF	DRW HCUSR9114 14133015	DATE 05/13/14	REF R9114- 17807

Scale

=.5"/Ft.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3

Lumber value set 13B" uses design values approved 1/30/2013 by ALSC

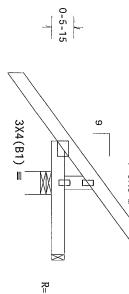
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

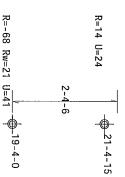
hgt, ASCE 7-10, CLOSED bldg, Located II, EXP B wind TC DL=3 5 psf, wind BC

anywhere in DL=5 0 psf 120 mph wind, 20 20 ft mean anywhere in roof RISK CAT DEST GCpi(+/-)=0 18

Wind loads and reactions based on MWFRS with additional C&C member

Left cantilever is exposed to wind





1 5X3 Ⅲ

1-6-0-<u>>|2-8-9</u> 2-5-15 Over 3 Supports

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) R=381 U=23 W=6' RL=61/-35

PLT TYP

Wave

IMPORTANT\*\*

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

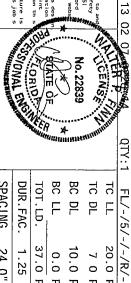
Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the lacest edition of BSSI (Building Component Safety Information by IPI) and WICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing por BSSI (blices noted otherwise top chord shall have properly attended structural sheathing and bottom chord shall have a properly attended rigid coulting. Locations shown for permanent lateral restraint of webs shall have a properly attended of the shall have a properly attended rigid coulting.

ITW But it in goognoments Group inc. (ITWBCG) shall not be respons ble for any deviation from this design any failure to build the trues in conformation with AMSI/TPI 1 or for handling an pping installation braicing of truesses. Apply places to each face of trues and position as shown above and on the Joint Deta 1s, unless notced otherwise. Refer to drawings 160A-2 for standard place positions. A scall on the drawing or cover page isting this drawing indicates acceptance of profess and lengineer in responsibility of the Building Designer por AMSI/TPI 1 Sec 2 for more information see. This job the responsibility of the Building Designer por AMSI/TPI 1 Sec 2 for more information see. This job general notes page | ITW-BCG www.tubcg.com | TPI | www.tpinst.org | WTCA www.sbcindustry.com

ITM Building Components Group

**ALPINE** 

Orlando FL, 32837 FL COA #0 278



FROM JAW	1.25	DUR. FAC.	N. C.
NG S	0.0 PSF	BC LL	ER Mesent
DRW HCUSR9114 14133042	10.0 PSF	BC DL	
DATE 05/13/14	7 0 PSF	TC DL	mmin.

20.0 PSF

REF

R9114- 17808

Scale = .5"/Ft.

sw rose creek drive Lake City THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - CJ5 4'3 4 Jack )

Value Set 13B (Effective 6/1/2013)

( 13-288E1--OWNER BUILDER /Becker Res

Roof

337

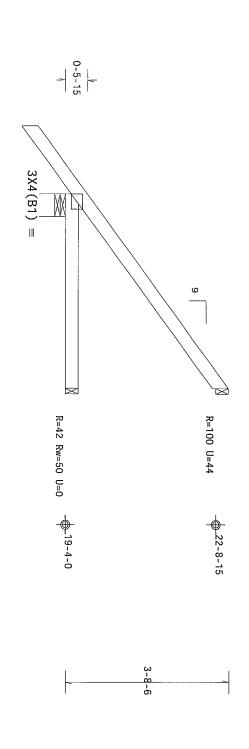
Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

120 mph wind, 20 87 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18

desıgn Wind loads and reactions based on MWFRS with additional C&C member



**←** 1-6-0-> R=283 U=10 W=6 4-3-4 Over 3 Supports ->

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP

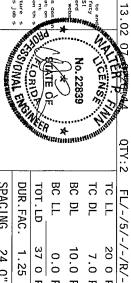
Wave

ITM Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

· IMPORTANT · · \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

Trusses require extreme care in fabricating handing shipping nestiting and broating Refer to a follow the latest of time of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI lities noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached of a dice in liquid coins shown for permanent lateral restraint of websital have a properly attached of a dice in liquid coins shown for permanent lateral restraint of websital have a properly attached of a dice ling locations shown for permanent lateral restraint of websital have a properly attached for BCSI sections 83-87 or 810 as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this destay failure to build the truss in conformance or that MSI//PPI I or for handling shipping installation bracing of trusses. Apply places to each face of truss and position as shown above and on the John Bocails unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A soal on the drawing or cover page I sting this drawing or the second standard plate positions as shown the creating the drawing or cover page I sting this drawing and cates acceptance of professional engineering respons to It by of the Buy Iding Designer por MSI//PPI 1 Sec 2 for more information see This Job Bonneral notes page. ITW BCG www itwbcg com. TPI www.tpinst.org. WTCA www.sbcindustry.com.



05/13/2014	ENG	WEI	On Summi	**************************************	unun.	THE REAL PROPERTY.
SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37 0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369293	HC-ENG JB/WPF	DRW HCUSR9114 14133021	DATE 05/13/14	REF R9114- 17809

Scale =.5"/Ft.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - CJ5A 5 7'9 Jack )

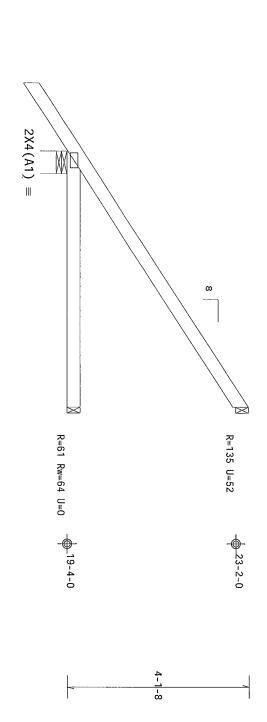
Value Set 13-288E1--OWNER BUILDER /Becker Res Roof --13B (Effective 6/1/2013) 337 sw rose creek drive Lake City

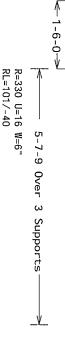
Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 120 mph wind, 21 08 ft mean hgt, ASCE 7-10, within 4 50 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psf

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 





Design Crit. FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

PLT

ΤYΡ

Wave

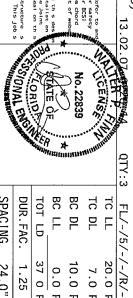
Trussos require extreme care in fabricat on bandling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI links noted otherwise top chord shall have properly attached a structural sheathing and bottom chord shall have a properly attached or 9 do on 100 Locat ons shown for permanent lateral restraint of web shall have a properly attached or 9 do on 100 Locat ons shown for permanent lateral restraint of web shall have a properly attached or 90. \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW But it in Components Group inc. (ITWBCC) shall not be respons ble for any deviation from this deal any failure to build the truss in conformance with ANSI/TPI 1 or for handling any ping installation bracing of trussess. Apply plates to each face of truss and post on as shown above and not he John Doca is unless needed otherwise. Refer to drawings 1604-7 for standard plate post ons. A seal on the drawing or copyon page itsing this drawing indicates acceptance of profess could engineer in responsibility of the duality of the duality of the suitability and use of this design for any structure is the responsibility of the building Designer per ANSI/TPI 1 Sec 2 for more information see This job is general notes page ITW BCG www. twbcg.com. TPI www.tpinst.org. WTCA www.sbcindustry.com. This job s

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



V13/2014		VEE	, , , , , , , , , , , , , , , , , , ,	**************************************	mmi	redick
SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37 0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369277	HC-ENG JB/WPF	DRW HCUSR9114 14133014	DATE 05/13/14	REF R9114- 17810

Scale =.5"/Ft.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Value Set 13B (Effective 6/1/2013)

( 13-288E1--OWNER BUILDER /Becker Res

Roof --

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP ##1 3

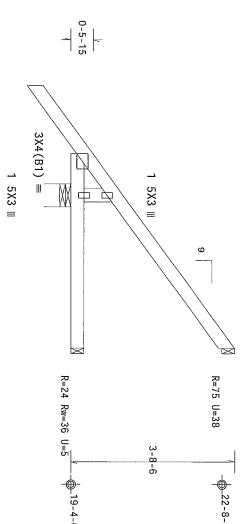
Lumber value set "13B uses design values approved 1/30/2013 by ALSC

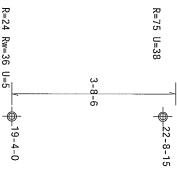
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

120 mph wind, 20 87 ft mean hgt, ASCE 7-10, CLOSED bidg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design  $% \left( 1\right) =\left\{ 1\right\} =$ 

Left cantilever is exposed to wind





1-6-0-><u>0-8-9</u>

Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) ← 4-3-4 Over 3 Supports → R=367 U=8 W=6" RL=91/-43

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI (buildings noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rid declining. Locations shown for permanent lateral restraint of websital have bracing installed per BCSI sections 83 87 or 810 as applicable.

I'W Building Components Group inc (I'WBCG) shall not be respons ble for any deviation from this das any failure to build the truss in conformance with AMSI/PPI 1 or for handling as highing installation bracing of trusses. Apply places to each face of truss and position as shown above and on the Joint Deca 1s unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A seal on the drawing or cover page 1 sting this draw may indicates acceptance of professional rangingering the growing may indicate acceptance of professional ranging and the respons be 1 ty of the design shown. The suitability and use of this design for any structure the respons be 1 ty of the design shown. The suitability and use of this design for any structure the respons be 1 ty of the design shown. The suitability and use of this design for any structure the respons be 1 ty of the design shown.

13.02 07 CENS No. 228 TC LL FL/-/5/-/-/R/-

05/13/2014	ENG	W.E.T.	ori Vanna	 H	uum.	No. of the last
SPACING	DUR FAC.	TOT.LD	BC LL	BC DL	TC DL	10 LT
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369823	HC-ENG SSB/WPF	DRW HCUSR9114 14133040	DATE 05/13/14	REF R9114- 17811

Scale =.5"/Ft.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - D 31'8' Stepdown Hip )

Value Set ( 13-288E1--OWNER BUILDER /Becker Res 13B (Effective 6/1/2013) Roof --337 WS rose creek drive Lake City,

Top chord Bot chord Webs 2x4 2x4 2x4 888 #<u>#</u>#1

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

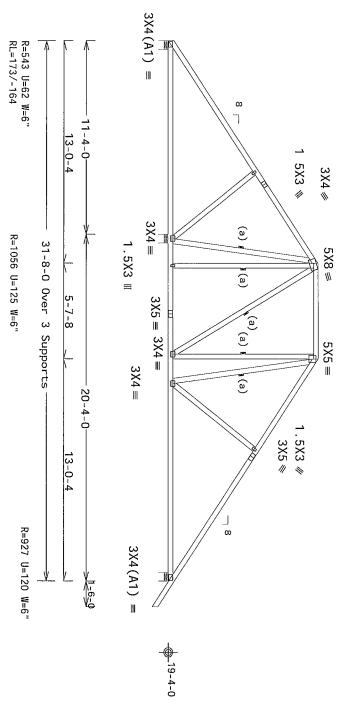
85 lieu of structural panels use purlins to brace all flat TC @ 24

> 120 mph wind, 23 54 ft mean anywhere in roof, RISK CAT I DL=5 0 psf GCpi(+/-)=0 18 n hgt, ASCE 7-10, CLOSED bldg, Located II, EXP B, wind TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member desıgn

(a) Continuous lateral restraint equally spaced on member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



PLT TYP Wave Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

ITW Building Components Group Inc (17WBCG) shall not be respons blo for any deviation from this deal any failure to build the truss in conformance with AUSI/FP1 1 or for handling shipping installation because from a further truss and past on an any shown above and on the Joint Details unless noted otherwise. Refer to drawings 180A-2 for standard place positions. A seal on the drawing or cover page 1 at night is drawing indicates acceptance of profess and long over night from the design shown. The suitable ty and use of this does gin for any structure the respons bit by of the design shown. The suitable ty and use of this does gin for any structure the respons to the york of the design shown. The suitable ty and use of this does gin for any structure the respons to the york of the does gind shown it whose your past of the does gind the page 11W BGG www. those gone on TPI www. this org. WTCA www. sbc. ndustry.com structure s
This job s

ITW Building Components Group

ALPINE

\* IMPORTANT\*\*

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Orlando FL, 32837 FL COA #0 278



JREF- 1V6C487_Z01	24.0"	SPACING
FROM JAW	1.25	DUR FAC
SEQN- 371158	37 0 PSF	TOT LD
HC-ENG WHK/WHK	0.0 PSF	BC LL
DRW HCUSR9114 14133031	10 0 PSF	BC DL
DATE 05/13/14	7 0 PSF	TC DL
REF R9114- 17812	20 0 PSF	то т

REF Scale

R9114- 17812 =.1875"/Ft.

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, F -THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR D1 20'4' Stepdown Hip Girder )

PLT Value 19 60 Top Bot Left end vertical not exposed to wind pressure  $_{4}v_{1} \leqslant 7X8 \approx$ Special loads Lumber value set ITW Building Components Group 9 60 BCchord chord Webs Ŧ From From 1085 Set Orlando FL, 32837 FL COA #0 278 From 1082 11 Lumber ALPINE Wave 2x4 2x6 2x4 8 13B 888 5 57 57 57 10 (Effective Conc plf at Conc L рlf r Fac =1
pif at
pif at #1 #3 13B В2 5X6(R) 7-11-2 Load Load at 11 60,13 60,15 60,17 uses design values 2x6 0 0 30<sub>25</sub> 6/1/2013) I'N Building Components Group Inc. (ITWBCG) shall not be respons blo for any deviation from this deal any failure to build the trues in conformance with ARS/FP1 per for handing ship may metallize on building for the property of the proper Trussos require extreme care in fabricating handling shipping installing and bracing feel to a fabrication of BCSI (Building Component Safety Information on by IPI) and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing por BCSI (Buildings noted otherwise topic chord shall have properly attended structural) sheathing and bottom chord shall have a properly attended of discussions and the safety of the shall have a properly attended of the country of the shall have a properly attended of the country of the shall have a properly attended of the safety of the 80 8 IMPORTANT\* at Ş 4X6 ≡ Plate 5 5 5 5 R=5822 U=325 တ SS 3-1-15 2-8-3 a 57 p' 57 f 57 f 60, \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS Dur Fac =1 25) 7 plf at 3 16 7 plf at 5 84 7 plf at 20 33 3 plf at 20 33 , 3 60, 5 60, 7 7X8 **=** 4X4 ≤ Design Crit approved 1/30/2013 by 3X6 Ⅲ 20-4-0 Over 60 60 FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 10X10 =¹ 83X4 // N ALSC Supports 3X10 = In lieu of structural panels use purlins 0C120 mph wind, 24 53 ft mean hgt, ASCE 7-10, CLOSED bldg, I anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, DL=5 0 psf GCpi(+/-)=0.184 oc spacing of nails perpendicular and parallel grain required in area over bearings greater than 4 Nail Schedule 0 131'x3", min nails
Top Chord 1 Row @12 00" o c
Bot Chord 2 Rows @ 6 00' o c (Each
Webs 1 Row @ 4' o c Deflection meets L/240 live and factor for dead load is 1 50 Wind loads and reactions based on MWFRS (a) Use equal spacing between rows and stagger nails in each row to avoid splitting R=6372 U=428 3X10(B3) COMPLETE  $\frac{1}{\omega}$ Continuous lateral restraint equally spaced 02 CENS, Ш ₩=6 ORIO TRUSSES 35/13/2014 \* 7 REQUIRED (Each Row) L/180 BC LL TC DL ВС SPACING DUR FAC TC LL TOT LD FL/-/5/-/-/R/-믿 total load to brace 1.25 37 0 PSF 20 0 PSF 24.0" 10.0 PSF 0.0 PSF 7.0 PSF on member Creep increase all flat ţ Located DATE FROM REF JREF-SEQN-HC-ENG DRW HCUSR9114 14133028 wind BC Scale = .1875"/Ft ನ ø R9114- 17813 24" 1V6C487\_Z01 MM MIK/WIK 05/13/14 371449

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, F - DDGE 31 8 Gable )

Top chord : Bot chord : Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Stack Chord SC1 ##1 2x4

Value Set

13B

(Effective 6/1/2013)

Sp # Stack Chord SC2 2x4 SP #

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

to dropped top chord in notchable area using 3x4 tie-plates 24 o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length using 3x6 Stacked top chord must NOT be notched or cut in area (NNL) top chord braced at  $24\,$  o c intervals Attach stacked top d chord interface, plate length Splice top chord in notchable area Dropped chord (SC)

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

> 120 mph wind, 23 40 ft mean anywhere in roof, RISK CAT DL=5 0 psf GCpi(+/-)=0 18 1 hgt, ASCE 7-10, CLOSED bldg, Located II, EXP B, wind TC DL=3 5 psf, wind BC

Wind loads and reactions based on MWFRS with additional C&C member des i gn

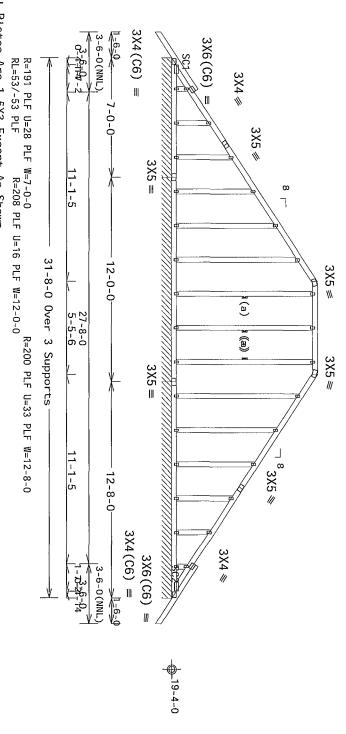
not be cut or notched Truss spaced at 24 0 outlookers Cladding OC designed to support 2 load shall not exceed 10 2-0-0 top chord 0 00 PSF Top ch Top chord must

Continuous lateral restraint equally spaced 9

(a)

8=

lieu of structural panels use purlins to brace all flat TC **@** 24"



Note All Plates Are 1 5X3 Except As Shown Design Crit

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and bracing Berfer to a fooling the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI billies noted otherwise top chord shall have properly attached structural shaathing and bottom chord shall have a properly attached in 9 decisions shall have a properly attached in 9 decisions shall have a properly attached to 9 decisions 183 B7 or B10 as applicable. \* IMPORTANT \*\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITR Building Components Group inc. (ITRECS) shall not be responsible for any day at on from this ded by any failure to build the ruses in conformance with MRSI/IPP) in or for handing all pip go matellation. Betair is unless motor determine. Before the deaying for a standard plate position as seal on the Detair's unless motor determines. Before the deaying fields. For standard plate positions is seal on the deaying for it to go the seal of the sea

ITW Building Components Group Orlando FL, 32837 FL COA #0 278

ALPINE



BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD 37 0 PSF DUR.FAC. 1 25  SCACING 24 0"
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10.0 P 0.0 P 37 0 P 1 25 1 25
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SF SF SF
DRW HCUSR9114 14133001 HC-ENG WHK/WHK SEQN- 371485 FROM JMW JREF- 1V6C487 701
-   S   E
JSR9
29114 141 WHK/WHK 371485 MW JGC487
14 WH 14 48:
70
<del>-</del>

20.0 PSF 7

> REF Scale

R9114- 17814

=.1875"/Ft

F - E 28 Stepdown Hip THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Value 13-288E1--OWNER BUILDER /Becker Res Roof --Set 13B (Effective 6/1/2013) 337 sw rose creek drive Lake City,

Top chord 2x4 Bot chord 2x4 Webs 2x4 888 **选性** 

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

(a) Continuous lateral restraint equally spaced on member

In fieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  OC  $\,$ 

MWFRS loads based on trusses located at least 11 77 ft from roof

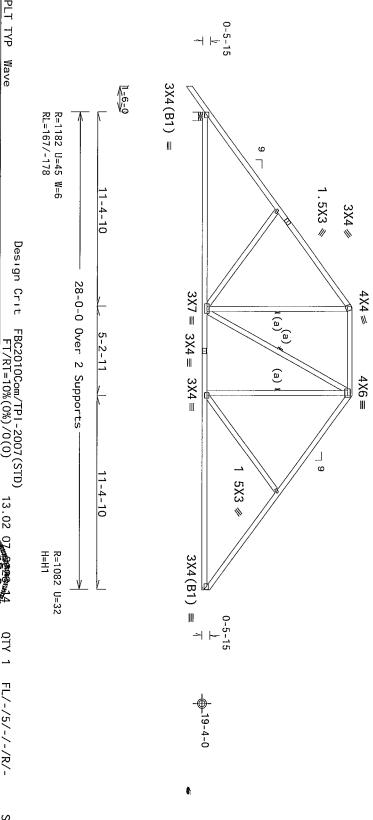
> 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 CLOSED EXP B, wind ] TC DL=3 5 psi psf,

design Wind loads and reactions based on MWFRS with additional C&C member

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148 x3' nails into supporting member, (4) 0 148"x3" nails into supported member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



PLT TYP

Wave

IMPORTANT .

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

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0TY 1

FL/-/5/-/-/R/-

CENSE

io. 2283

BC DL BC LL

10.0 PSF

DRW HCUSR9114 14133046

TC DL

7 0 PSF

DATE

05/13/14

TC LL

20.0 PSF

REF

R9114- 17815 =.1875"/Ft

Scale

ITW Building Components Group

ITW But if in Components Group Inc. (ITWECD) shall not be respons be for any deviation from this of any failure to shill discuss in conformance with ARSI/TPI 1 por for handling been pring into a last braining for trusses. Apply plates to each foce of truss and post on as shown pring into a new Detail is unless an occed otherwise. Before to drawing 1604-2 for extended plates post to as Assolian Comming or exponents of the string this plates are proposed by the other plates of the design for not greater the respons bility of the Building Designer por ANSI/TPI 1 Sec 2. For more information see This general notes page. ITH-BCG www. Itwoog.com. TPI www.tpinst.org. WTCA www.sbrindustry.com.

This job s

CORIOP.

Rente

DUR. FAC SPACING

24.0" 1.25

JREF- 1V6C487\_Z01

TOT LD

37 0

PSF

SEQN-

371400

FROM

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PSF

HC-ENG

MIK/WIK

05/13/201

Trusses require extreme care in fabricating banding shipping installing and procing Refer to a follow the latest edition of BSSI (Building Component Safety Information by TPI and WTcA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BSSI bliness noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in a consistent of some for persament lateral restraint of webs shall have a properly attached in the consistent properly attached and the consistent properly attached properly attached in the consistent properly attached properly

ALPINE

Orlando FL, 32837 FL COA #0 278

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City 71 1 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR E1 28' Stepdown Hip )

Top chord 2x4 Bot chord 2x4 Webs 2x4 Value Set 13B (Effective 6/1/2013) 888 ##1 3

Lumber value set '13B" uses design values approved 1/30/2013 by ALSC

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

(a) Continuous lateral restraint equally spaced 움 member

In lieu of OC structural panels use purlins to brace all flat TC @ 24

MWFRS loads based on trusses located at least 11  $77\ {
m ft}$  edge from roof

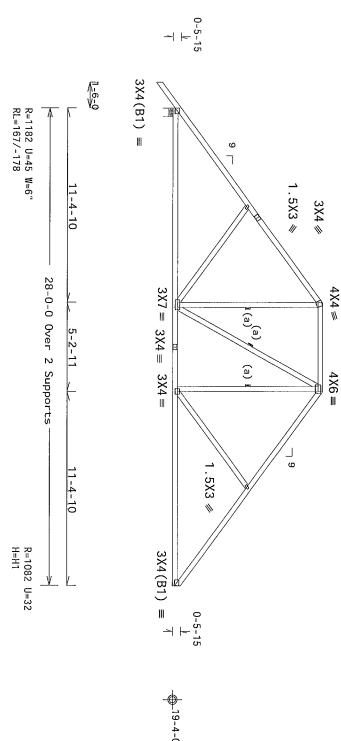
> 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psi psf

Wind loads and reactions based on MWFRS with additional C&C member design

 ${\sf H}={\sf recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148 x3" nails into supporting member, (4) 0 148 x3" nails into supported member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

"#WARNING" READ AND FOLLOW ALL NOTES ON THIS SHEET
"HPORTANT" FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP Wave

Trussos require extreme care in fabricating handling ash pp ng installing and bracing Refer to include the latest edition of BESI (Bailding Component Softey Information by TPI and NTCA) for safety practices prior to performing these functions. Installors shall provide temporary bracing per BESI bliness noted otherwise top chard shall have properly attached structural sheathing and bottom chard shall have a properly statement of 9 deep ing Locations shall have a properly statement of web shall have a properly statement of 9 deep ing Locations shall have a properly statement of 9 deep shall have a properly 9 deep shall have 9 deep

ITW Building Components Group Inc. (ITMBGD) shall not be responsible for any deviate any far lune to build be truss in conformation with MSS/TP) to for mandeling amplitude the conformation of truss of the same ind on the Jo

13.02 07 金田, CENS Vo. 22839 JANO (ORIOF Santa . 7 TC LL FL/-/5/-/-/R/-

05/13/2014

SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 371400	HC-ENG WHK/WHK	DRW HCUSR9114 14133012	DATE 05/13/14

20 0 PSF

REF

Scale = .1875"/Ft. R9114- 17816

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # PLT TYP Wave MWFRS loads based on trusses located at least 11  $77\ {
m ft}$  edge In lieu of structural panels use purlins to brace all flat TC @ 24' 0CLumber value set 13B" Value Set ITM Building Components Group ( 13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose creek drive Lake City, 0-5-15 -Orlando FL, 32837 FL COA #0 278 **ALPINE** 13B 1-6-0 (Effective 6/1/2013) 3X4(B1) ##1 RL=192/-192 R=1179 U=44 W=6" uses design values approved 1/30/2013 by ALSC ITW But iding Components Group inc. (ITWECD) shall not be respons ble for any day atton from this , any failure to be lid the trust n conformance w th ARSI/IPH 1 or for handing as poing installat. Betaining of trussess. Apply plates to each face of truss and position as shown above and on the Joint Details unless noted otherwise to Refer to drawings 160A-Z for standard plate positions. A seal on drawings or cover page listing this drawing indicates acceptance of profess and long near ng responsibility of the Building Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was retained by the design seen and the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was retained by the design seen and the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was retained by the design seen and the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was retained by the design seen and the Designer par ARSI/IPH 1 Sec 2 For more information see This general notes page ITM-EDG was retained by the design seen and the Designer page ITM-EDG was retained by the Designer page ITM-EDG was Trusses require extreme care in fabricating bandling shipping installing and bracing Refer to item the latest edition of BGSI (Building Component Safety Information by TPI) and BTGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bliness noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached single (casting Locations shown for permanent lateral restraint of west shall have a properly attached single (casting Locations shown for permanent lateral restraint of west shall have a properly attached single (casting Locations shown for permanent lateral restraint of whill have a properly attached single (casting Locations shown for permanent lateral restraint of while shall have a properly attached per BCSI sections B3 B7 or B10 as applicable. IMPORTANT\*\* ဖ \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 1.5X3 ∥ 11-4-10 Design Crit 3X4 ø FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) from roof 3X7 ≡ 4X4 ≤ 28-0-0 Over 2 Supports (a) 3X4 ≡ (a) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - E2 28 Stepdown Hip ) 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ (a) Continuous lateral restraint equally spaced on member design 3X4 =13 02 07 CENS 0.2283 05/13/2014 3X4 ∥ 11-4-10 .5X3 ₡ ΥTΩ BC DL SPACING BC LL TC DL DUR. FAC. TOT LD TC LL FL/-/5/-/-/R/-9 R=1179 U=44 W=6" 3X4 (B1) 37 0 PSF 24.0" 1.25 10.0 PSF 20 0 PSF 0.0 PSF 7.0 PSF 1-6-0 DATE REF JREF-FROM HC-ENG SEQN-DRW HCUSR9114 14133023 Scale = .25"/Ft. R9114- 17817 1V6C487\_Z01 WHK/WHK 05/13/14 371410

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR
( 13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose creek drive Lake City, F - E3 28 Stepdown Hip )

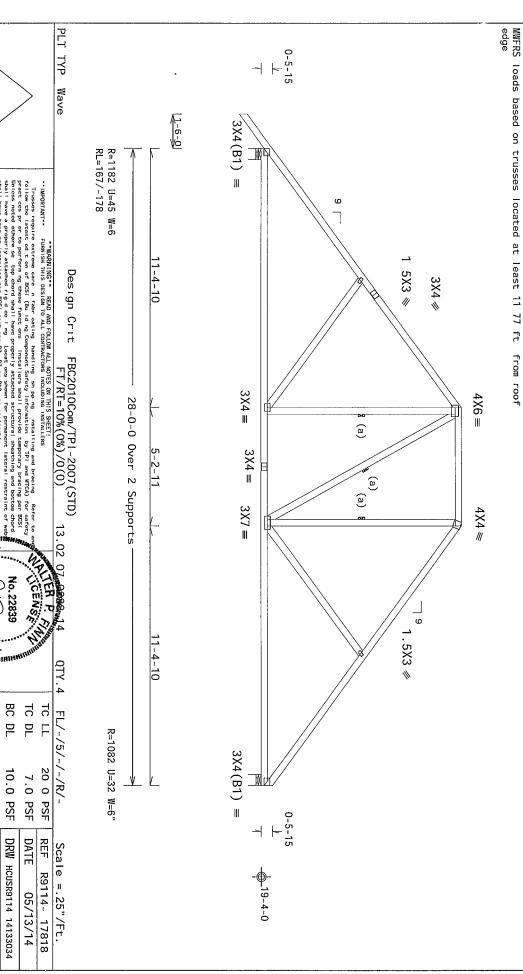
Top chord 2x4 SP #1 Bot chord 2x4 SP #1 Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  OC  $\,$ Value Set 13B (Effective 6/1/2013) Lumber value set 13B' uses design values approved 1/30/2013 by ALSC des i gn

120 mph wind, 23.54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf  $GCp_1(+/-)=0.18$ CLOSED bldg, not located EXP B, wind TC DL=3 5 psf

Wind loads and reactions based on MWFRS with additional C&C member

(a) Continuous lateral restraint equally spaced on member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



ITM Building Components Group

ITW Bu Iding Components Group Inc (ITMBGD) shall not be reponsible for any deviation of the large of the same of t

05/13/2014

SPACING DUR.FAC. TOT.LD.

24.0"

JREF-

1V6C487\_Z01

1.25

FROM SEQN-HC-ENG

BC LL BC DL

0.0 PSF

10.0 PSF

DRW HCUSR9114 14133034

MHK/WHK 371415

37.0 PSF

ALPINE

Orlando FL, 32837 FL COA #0 278

337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MER F - E4 28' Stepdown H $_{1}$ p )

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Value Set 13B (Effective 6/1/2013) ## #3

( 13-288E1--OWNER BUILDER /Becker Res

Roof --

Lumber value set "13B' uses design values approved 1/30/2013 by ALSC

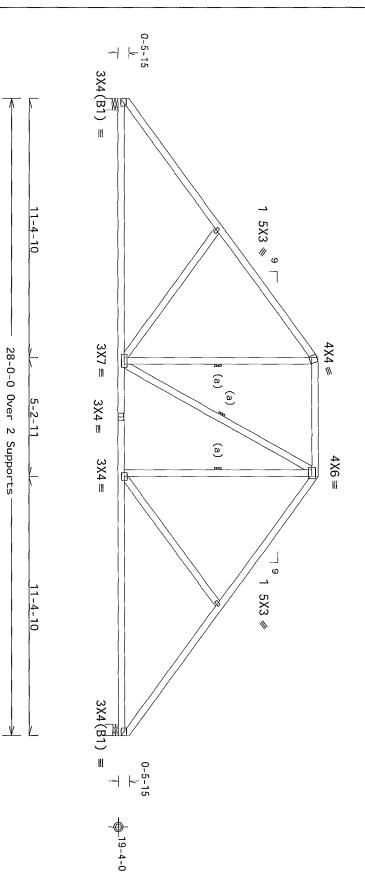
In lieu of structural panels use purlins to brace all flat TC @ 24"  $\,$  0C  $\,$ 

MWFRS loads based on trusses located at least 24 edge 70 ť from roof

120 mph wind, 24 10 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18

Wind loads and reactions based on MWFRS with additional C&C member desIgn

Deflection meets L/240 live and L/180 total load factor for dead load is  $1\ 50$ (a) Continuous lateral restraint equally spaced on member Creep increase



PLT

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Wave

IMPORTANT\*\*

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

13.02

FP FP თ

FL/-/5/-/-/R/-

Scale = .25"/Ft. R9114- 17819

R=1085 U=0 W=6"

CENS

BC DL

10.0 PSF 0.0 PSF

DRW HCUSR9114 14133030

ETK/WHK

371422

TC DL

7.0 PSF

DATE REF

05/13/14

TC LL

20.0 PSF

BC LT

TOT LD

37.0 PSF

RL≃153/-153 R=1085 U=0 W=6

ITW Building Components Group

ITW Building Components Group lie (178603) shall make respons ble for any deviation of the state of the state

05/13/2014

DUR.FAC.

SPACING

24.0" 1.25

JREF-FROM SEQN-HC-ENG

1V6C487\_Z01

Trussos require extreme care in fabr eating handling shipping installing and bracing Refer to a foolier the latest edition of BCSI (Building Component Sertey Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI libites noted etherwise top chord shall have properly attended structural shoathing and bottom chord shall have a properly attended rigid eating. Locations shown for permanent lateral restraint of wed shall have a properly attended rigid eating.

ALPINE

Orlando FL, 32837 FL COA #0 278

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Value Set ( 13-288E1--OWNER BUILDER /Becker Res Roof --13B (Effective \*\*\*\* 6/1/2013) 337 sw rose creek drive Lake City, F - E5 28 Stepdown Hip ) 120 mph wind, 24 10 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

coverage Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(a) Continuous lateral restraint equally spaced on

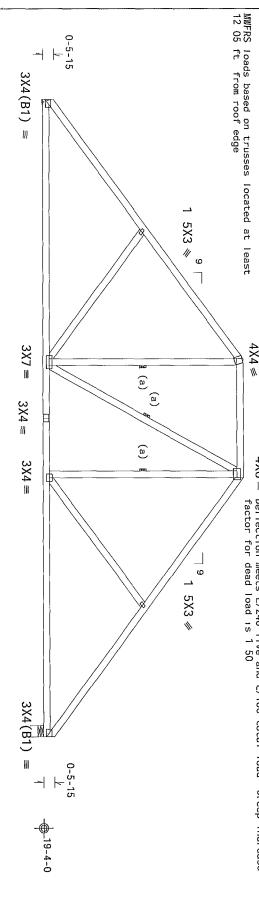
in lieu of structural panels use purlins to brace all flat TC @ 24  $^{\circ}$  OC

Wind loads and reactions based on MWFRS with additional design C&C member

 $H=\mbox{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP #2 supporting member (14) 0 148"x3' nails into supporting member, (4) 0 148 x3' nails into supported member

4X6 ≡ Deflection meets L/240 live and L/180 total load factor for dead load is 1.50  $\,$ Creep increase





ITM Building Components Group ALPINE Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest ed tion of RSSI (Building Component Sarety Information by IPI) and WICA) for safety practices prior to performing these functions install less shall provide temporary bracing per RSSI (Building Santa neted otherwise top chord shall have properly attached structural shoathing and bettom chord shall have a properly attached rigid centing Locations shown for permanent lateral restraint of weak shall have a properly attached rigid centing Locations shown for permanent lateral restraint of weak shall have a properly attached rigid centing Locations 85m for permanent lateral restraint of weak shall have a properly attached give RSSI sections 85 87 or 810 as applicable \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

##WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! CENS No. 22839 BC LL BC DL TC DL TOT LD.

PLT TYP

Wave

ITW Build ng Components Group Inc (ITWBCC) shall not be responsible for any deviat on from this any failure to build the truss in conformance with ANSI/PPI 1 or for handling shipping installer bracing of trusses. Apply plates to each face of truss and posit on as shown above and on the Join Bota 1s on eas noted otherwise. Refer to drawings 160A-Z for examined plates posit on as Assail on drawing or course page 1 st of this drawing or drawing or course page 1 st of this drawing or drawing or course page 1 st of this drawing or drawing or course page 1 st of this drawing or course of professional engineering frespons bility of the Building Designer por ANSI/PPI 1 Sec 2 for more information see This general notes page 1TW BCC www.itubecg.com TPI www.tp.nst.org WTCA www.sbc.ndustry.com

Orlando FL, 32837 FL COA #0 278

13.02 07 ENGIN QTY - 5 TC LL DUR.FAC. FL/-/5/-/-/R/-

SPACING 24.0" JREF-

37 0 PSF

SEQN-

0.0 PSF

HC-ENG

WHK/WHK 371427

1.25

FROM

1V6C487\_Z01

10.0 PSF

DRW HCUSR9114 14133033

20.0 PSF

Scale = .25"/Ft. R9114- 17820

7.0 PSF

DATE REF

05/13/14

05/13/2014

337 sw rose creek drive Lake City, F - E6 28 Stepdown Hip ) THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord Bot chord PLT TYP. Wave Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating MWFRS loads based on trusses located at least  $11\ 77\ {\rm ft}$  from roof edge In lieu of structural panels use purlins to brace all flat TC @ 24  $\,$  OC  $\,$ (a) Continuous lateral restraint equally spaced on Value Set Lumber value set '13B ( 13-288E1--OWNER BUILDER /Becker Res ITW Building Components Group 0-5-15 chord 2x4 chord 2x4 Webs 2x4 Orlando FL, 32837 FL COA #0 278 ALPINE 3X4(B1) =13B (Effective 6/1/2013) ያ ያ R=1082 U=32 RL=178/-167 ### #3 uses design values approved 1/30/2013 by ALSC I'W Build ing Components Group Inc. (ITWBCC) shall not be respons bit for any deviation from this any failure to build the trues in conformance with MBS/JPH 1 or for handling ship any page statistics are not force with MBS/JPH 1 or for handling ship any page ship and on the John Decails on eas noted otherwise. Refer to drawings 180A-Z for standard place positions. A scall on drawing or coverings 1 and to star any of drawings 180A-Z for standard place positions. A scall on drawing or coverings 1 and to star any of drawing or coverings 1 and to star any of the drawing and the star and Trusses roqu to extreme care in fabr eating abouting shipping installing and broading. Refer to, follow the latest ed tion of BCS1 (Bull of glosponent Safety Information by TPI and WCA) for safety practices prior to performing those functions. Installings shall provide comporary bracking per BCS1. Unless noted otherwise top chord shall have properly attached structural shacking and bottom chord shall have properly attached to the properly att shall have a properly attached rigid celling. Locations shown for permanen shall have bracing installed per BCSI sections B3 B7 or B10 as applicable \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! 11-4-10 5X3 ∕/ Roof --Design Crit. FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 4X4 ≤ 3X7 ≡ 28-0-0 Over 2 Supports (a) {{(a) 3X4 ≡ (a) 4X6 = 3X4 =Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1 50  $\,$ 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18  $H=\mbox{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional Wind loads and reactions based on MWFRS with additional C&C member These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148"x3 nails into supporting member, (4) 0 148"x3 nails into supported member Information 13.02.07 CENSA 3X4 ∥ ORIVE 1.5X3 ₡ 11-4-10 QTY:2 9 R=1182 U=45 W=6" BC LL BC DL TC DL SPACING TC LL DUR.FAC. TOT LD FL/-/5/-/-/R/-3X4(B1) =1-6-9 CLOSED bldg, not located EXP B, wind TC DL=3 5 psi 37 0 PSF 10.0 PSF 24.0" 20.0 PSF 1.25 0.0 PSF 7.0 PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR9114 14133010 JREF-Scale = .25"/Ft. R9114- 17821 1V6C487\_Z01 M MIK/WIK psf 05/13/14 371432

05/13/2014

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - E7 7 End Jack )

120 mph wind, 21 54 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4 50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18

Value Set 13B (Effective 6/1/2013) ( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City,

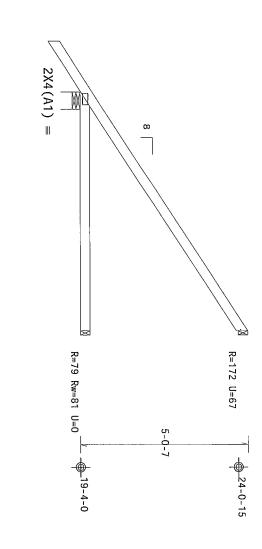
Top chord 2x4 SP #1 Bot chord 2x4 SP #1

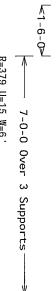
Lumber value set '13B

uses design values approved 1/30/2013 by ALSC

design Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 





R=379 U=15 W=6' RL=123/-44 Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET NPORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

PLT

ΤYP

Wave

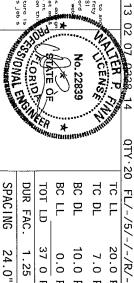
Trusses require extreme care in fabricuting bandling at pping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TBI and WCA) for safety practices prior to performing these functions. Installars shall provide temporary bracing per BCSI whiless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid cealing. Locations shown for permanent lateral restraint of well shall have a properly attached rigid cealing.

I'W Build ng Components Group Inc. (17WBCC) shall not be responsible for any deviat on from this any failure to build the truss in conformance with ARSI/TPI 1 or for handing ship ng installate by a property of the Building Designer per ARSI/TPI 1 Sec 2. For each information see This treatment of the Building Designer per ARSI/TPI 1 Sec 2. For each information see This treatment of the Building Designer per ARSI/TPI 1 Sec 2. For each information see This treatment of the Building Designer per ARSI/TPI 1 Sec 2. For each information see This treatment of the Building Designer per ARSI/TPI 1 Sec 2. For each information see This.

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



05/13/2014

SPACING	DUR FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37 0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369276	HC-ENG JB/WPF	DRW HCUSR9114 14133027	DATE 05/13/14	REF R9114- 17822

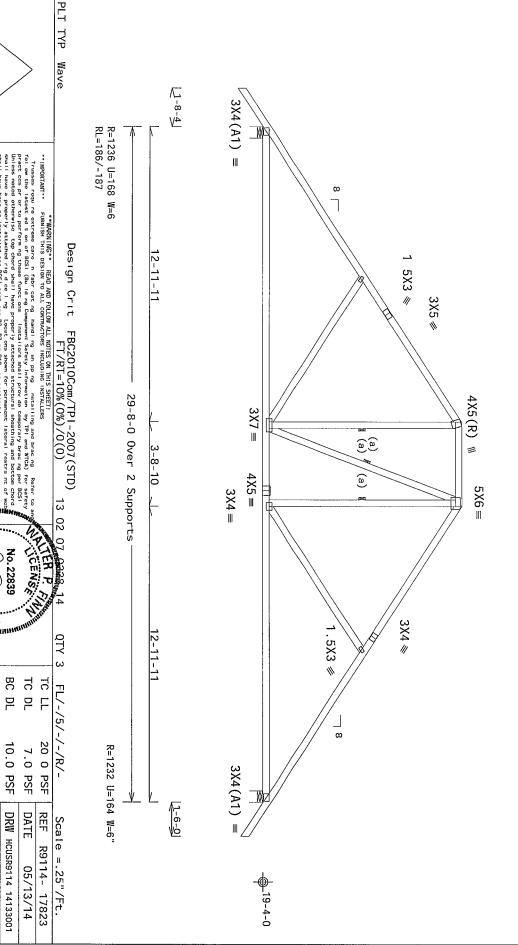
Scale =

Value Set THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR
VIAITO CO+ 13D (Effective C4 1992) 13B (Effective 6/1/2013) 20 mph wind, hgt, ASCE 7-10, CLOSED bidg, Located II, EXP B, wind TC DL=3 5 psf, wind BC

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # 85 Lumber value set lieu of structural panels use purlins to brace all flat TC @ 24 #1 2850f-2 #2 13B uses Œ design values approved 1/30/2013 by ALSC anywhere in DL=5 0 psf desıgn (a) Continuous lateral restraint equally spaced on member nd, 23 47 ft mean n roof, RISK CAT I GCpi(+/-)=0 18

Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



ITW Building Components Group

ITW Building Components Group Inc. (ITNBCC) shall not be responsible for any deviation from this any failure to build the truss in conformance with MNSI/TPI 1 or for handling an pp ng installate brace ng of trusses. Apply plates to each face of truss and post on as shown above and on the Jo Docta 1s, unless noted otherwise. Refer to drawings 160A-2 for standard plate post inc. is seal on drawing or cover page 1 at ng this drawing and earth and post control leng neer ng respons bi try solicly for the dots gn shown. The suitability and use of this design for any structure responsible try of the Building Designor por MNSI/TPI 1 Sec 2. For more information see. This general notes page 1 TW BCG www itwoog com TPI www.tp.nst.org WTCA www.sbc.ndustry.com

05/13/2014

SPACING DUR. FAC TOT LD

24.0"

JREF-

1V6C487\_Z01

1.25

FROM

BC LL

0.0 PSF

10.0 PSF

DRW HCUSR9114 14133001

SSB/WPF 371704

37 0 PSF

SEQN-HC-ENG

TC DL ВС

7.0 PSF

DATE

05/13/14

shall have bracing installed per BCSI sections B3 B7 or B10 as applicable

ALPINE

Orlando FL, 32837 FL COA #0 278

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR y, F - GDGE 29 8 Stepdown Hip)

Top chard 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Stack Chord SC1 Stacked top chord must NOT be notched or cut in area (NNL) Dropped top chord braced at 24 o c intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates  $24^{\prime}$  o c Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6Note Value Set PLT TYP Deflection meets  $L/240\,$  live and  $L/180\,$  total load increase factor for dead load is  $1.50\,$ Lumber value set 13B (13-288E1--OWNER BUILDER /Becker Res Roof --ITW Building Components Group Orlando FL, 32837 FL COA #0 278 All Plates ALPINEWave 13B (Effective 6/1/2013) [1-8-4] #1 #2 2x4  $\frac{3-6-0(NNL)}{}$ 3X4(C6) =3X6(C6) 03-76-76-7-2 Are 1 5X3 Except As Shown
Design SP R=195 PLF U=29 PLF W=14-0-0 RL=26/-27 PLF uses # ITW But it ing Components Group Inc. (ITMEDS) shall not be respons the for any deviate on from this design any failure to build the try less in conference with ARSI/IPP | 1 or for handling shipping in the allies on ARSI/IPP | 1 or for handling shipping on the allies of trustees a Apply tries in consensure with tries and post of the allies of the alli Trusses require extreme care in fabricating handing shipping installing and brucing Refer to a follow the lacest of time of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installars shall provide temporary bracing per BCSI fulless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid local ross shown for permanent lateral restraint of webs shall have a properly attached in a local ross shown for permanent lateral restraint of webs shall have a properly attached in a local ross shown for permanent lateral restraint of webs shall have a properly attached in a local ross shown for permanent lateral restraint of webs shall have a properly attached in the lateral restraint of some shall have a properly attached and the shall have a properly attached attached at the shall have a properly attached attached attached and the shall have a properly attached atta · IMPORTANT · · design values approved 1/30/2013 by ALSC Stack Chord SC2 2x4 SP \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS 337 sw rose creek drive Lake City, 11-0-12 Crit Creep FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) 29-8-0 Over 2 Supports R=203 PLF U=26 PLF W=15-8-0 3X5 ≤ 3X5 ≡ (a) 25-8-0 3-6-8 Truss spaced at 24 0'0C designed to support 2-0-0 top chord outlookers Cladding load shall not exceed 10 00 PSF. Top chord must not be cut or notched 120 mph wind, 23 32 ft mean hgt, ASCE 7-10, CLOSED bldg, anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, DL=5 0 psf GCpi(+/-)=0 18 @ In lieu of structural panels use purlins to brace all flat TC  $^{0\text{C}}$   $^{3\text{X}5}$   $\equiv$ Wind loads and reactions based on MWFRS with additional C&C member (a) Continuous lateral restraint 13.02 198 CENSE No. 2283 ONAL ENGIN CORION. 05/13/2014 11-0-12 3X4 // भ्रम भ्रम् 0TY 1 equally TC DL SPACING ВС 80 DUR. FAC TOT LD TC II FL/-/5/-/-/R/-믿 spaced ω 3X4 ∥ 10.0 PSF 37.0 PSF 24.0" 1.25 20.0 PSF 0.0 7.0 PSF 3X6(C6) =20 1-7-32-8-94 3X4(C6) =PSF 1-6-0 Located , wind BC FROM DATE JREF-REF SEQN-HC-ENG DRW HCUSR9114 14133002 Scale = ø R9114- 17824 24" 1V6C487\_Z01 SSB/WPF 05/13/14 371700 25"/Ft.

13-288E1--OWNER BUILDER /Becker Res Roof ---337 sw rose creek drive Lake City, F - H11 28 Stepdown Hip THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 2x4
Bot chord 2x4
Webs 2x4 Value Set Lumber value set 13B (Effective 6/1/2013) 유유유 ### 311 13B"

uses design values approved 1/30/2013 by ALSC

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

(a) Continuous lateral restraint equally spaced on member

8= lieu of structural panels use purlins to brace all flat TC @ 24"

at

4X4 ≤

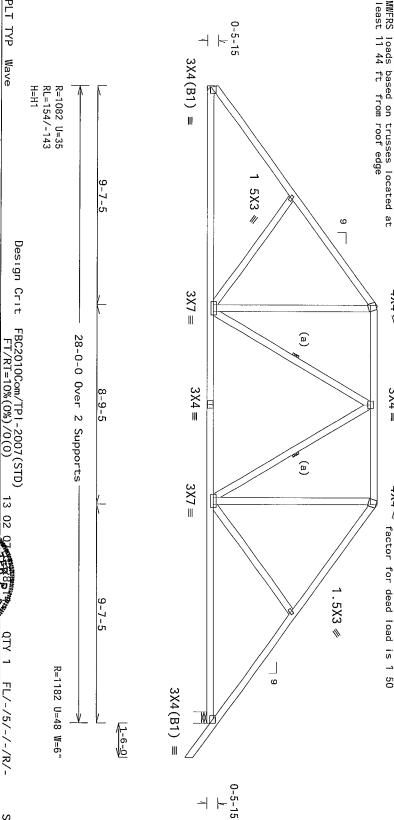
3X4 =

120 mph wind, 22 87 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 psf wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS with additional C&C member

H = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148'x3' nails into supporting member, (4) 0 148'x3 nails into supported member

Defrection meets L/240 live and L/180 total load Greep increase factor for dead load is 1.50



Trusses require extrems care in fabricating landling shipping installing and bracing. Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bliness noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached in a consistency of performance tateral restraint of webs shall have a properly attached of ad ceiling. Lecture one shown for permanent lateral restraint of webs shall have a properly attached in a consistency of the performance of the shall have a properly attached in a consistency of the performance of 3 02 Carrie Mary CENS io. 2283 WAL ENGIN ORIO 05/13/2014 **本** YT9 BC LL TC DL 80 TC LL TOT LD FL/-/5/-/-/R/-

I'W Bull of Components Group Inc. (ITWBCC) shall not be respons bile for any deviation from this design any fall of the bull of trues. The conformation with AMS/I/PD 1 or for handling an pping installation All bracking of trues bull of the bull of trues. The conformation of the bull of the bul

ITW Building Components Group

**ALPINE** 

Orlando FL, 32837 FL COA #0 278

PLT TYP Wave

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

SPACING DUR.FAC 24.0" 1.25 JREF-FROM 1V6C487\_Z01 MM

37.0 PSF

SEQN-HC-ENG

371443

0.0 PSF

10.0 PSF

DRW HCUSR9114 14133009

WHK/WHK

20.0 PSF

Scale = .25"/Ft. R9114- 17825

7.0 PSF

DATE REF

05/13/14

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # **# # #** 

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(a) Continuous lateral restraint equally spaced 9 member

8= lieu of structural panels use purlins to brace all flat TC @ 24"

MWFRS 11 44

4X4 ≤

3X4 ≡

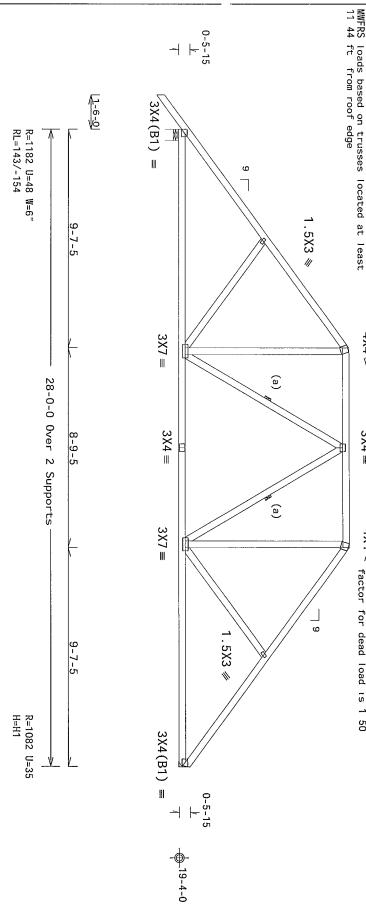
120 mph wind 22 87 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 psf

Wind loads and reactions based on MWFRS with additional design C&C

 ${\sf H}$  = recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26~w/~(2)2x6~SP~SS~supporting~member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

Deflection meets L/240 live and L/180 total load Greep increase factor for dead load is 1.50



PLT TYP

Wave

IMPORTANT

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

3 02.0

QTY : 1

FL/-/5/-/-/R/-

TC LL

20.0 PSF

REF

R9114- 17826

Scale = .25"/Ft.

7.0 PSF

DATE

05/13/14

CENSO

No. 2283

A Catantan

BC LL ВС TC DL

0.0 PSF

HC-ENG

MIK/MIK 371389

10.0 PSF

DRW HCUSR9114 14133007

TOT.LD.

37.0 PSF

SEQN-

FROM

ITW Building Components Group

ITW Building Components Group Inc. (ITWESD) shall not be respons ble for any daw atten from this designary failure to build the trust in conformance with MSI/TPI 1 or for hand no shipping results on a braze ng of trusses Apply plates to each face of truss and position as shown above and on the Dots it unless motor otherwise. Refer to drawing 1604-2 for extransard plates position at Assol on the drawing or concerpage to the grant shown The sure table lifty and orders and professional used nearing structure is the responsibility of the Building Designer por ANSI/TPI 1 Sec 2 for more information see. This job is the responsibility of the Building Designer por ANSI/TPI 1 Sec 2 for more information see. This job is general notices page ITM-EGG www itemosphic com.

ONAL ENGIN

05/13/2014

SPACING DUR.FAC

24.0" 1.25

JREF-

1V6C487\_Z01

CORIO

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edit on of BCSI (Building Component Safety Information by TPI and MTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI linices noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid cealing. Locations shown for permanent lateral restraint of webs shall have a properly attached rigid cealing.

ALPINE

Orlando FL, 32837 FL COA #0 278

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - H13 28' Stepdown Hip )

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating PLT TYP Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP MWFRS loads based on trusses located at least 11 77 ft from roof edge In lieu of structural panels use purlins to brace all flat TC @  $24\,$   $\,0C$ Value Set (a) Continuous lateral restraint equally spaced on ITW Building Components Group Lumber value set ( 13-288E1--OWNER BUILDER /Becker Res 0-5-15 Orlando FL, 32837 FL COA #0 278 **ALPINE** Wave 3X4(B1) =13B (Effective 6/1/2013) H=H1 RL=178/-167 R=1082 U=32 ### #3 13B uses design values approved 1/30/2013 by ALSC I'W But Iding Components Group Inc. (ITNBGD) shall not be respons ble for any day action from this designant failure to build the trust in conformance with ARSI/TP | Text hand in group pring mealitation all bring or fruesces. Apply places to each free of trusts and point on as aboung some pring on the Detail is unless mored otherwise. Before to drawing 160Az for standard place positions A solation this drawing print printing printing are proposed in the Association of the drawing printing printing are interested by the printing Trusses require extreme care in fabricating handling shipping installing and breeing Refer to a follow the latest edition of 8651 (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI bluess noted otherwise tup chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid centing. Least-loss shown for permanent lateral restraint of webs shall have a properly attached rigid centing. IMPORTANT\*\* 1.5X3 / 11-4-11 \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Roof Design Crit: FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0) ŀ 337 sw rose creek drive Lake City, member 3X7 ≡ 4X4 ≤ 28-0-0 Over 2 Supports (a) 3X4 **≡** (a) 4X6≡ 3X4 =F - H13 28' Stepdown Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1 50 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, CLOSED bidg, not located within 9 00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3 5 ps: wind BC DL=5 0 psf  $GCp_1(+/-)=0$  18 H= recommended connection based on manufacturer tested capacities and calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional design Wind loads and reactions based on MWFRS with additional C&C These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3' nails into supported member information 13.02.0 CENSA 3X4 ∥ io. 2283 TATE ORIO 1.5X3 « 11-4-11 05/13/2014 \* QTY:1 9 R=1182 U=45 W=6' SPACING BC LL BC DL TC DL DUR. FAC. TOT.LD. TC LF FL/-/5/-/-/R/-3X4(B1) 1-6-9 24.0" 37.0 PSF 10.0 PSF 20 0 PSF 1.25 0.0 PSF 7.0 PSF SEQN-HC-ENG WHK/WHK DATE REF JREF-FROM DRW HCUSR9114 14133003 Scale = .25"/Ft. R9114- 17827 **⊕**19-4-0 1V6C487\_Z01 psf 371438 05/13/14

Value Set ( 13-288E1--OWNER BUILDER /Becker Res 13B (Effective 6/1/2013) Roof 337 sw rose creek drive Lake City,

chord 2x4 SP chord 2x4 SP Webs 2x4 SP \*\*\*

Lumber value set 13B' uses design values approved 1/30/2013 by ALSC

coverage Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24'  $\,$  OC  $\,$ 

MWFRS loads based on trusses located at least 11 77 ft from roof

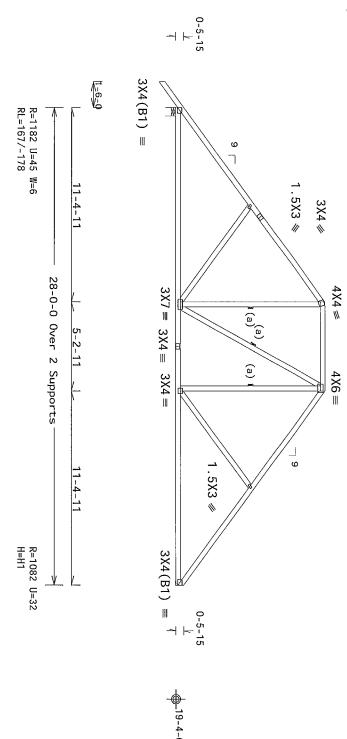
> 120 mph wind, 23 54 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpr(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 ps psf

desıgn Wind loads and reactions based on MWFRS with additional C&C member

 $H=\mbox{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\* IMPORTANT \*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

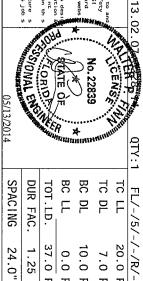
FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

Ţ₽

Wave

Trusses require extreme care in fabricating landling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI linitess noted otherwise top chord shall have properly attended structural shouthing and bottom chord shall have a properly attended right conting. Locations shown for permanent lateral restraint of webs shall have a properly attended of pid conting.

ITW Building Components Group inc. (ITWBCC) shall not be responsible for any doviation from this design yfallure to build the truss in conformance with ANSI/TPI 1 or for handling shipping installation of bracing of trussess. Apply places to each face of truss and position as shown above and on the Joint Details unless noted otherwise. Refer to drawings 1804-2 for standard place positions. A seal on this drawing or cover page 1 at my this drawing indicates acceptance of profess onal on the new responsibility of the design shown. The suitability and use of this design for any structure is the responsibility of the dualing Designor por ANSI/TPI 1 Soc 2 for more information see. This job is general motes page 1TW BCG www itwocg com TPI www.tp.nst.org WTCA www.sbc.ndustry.com



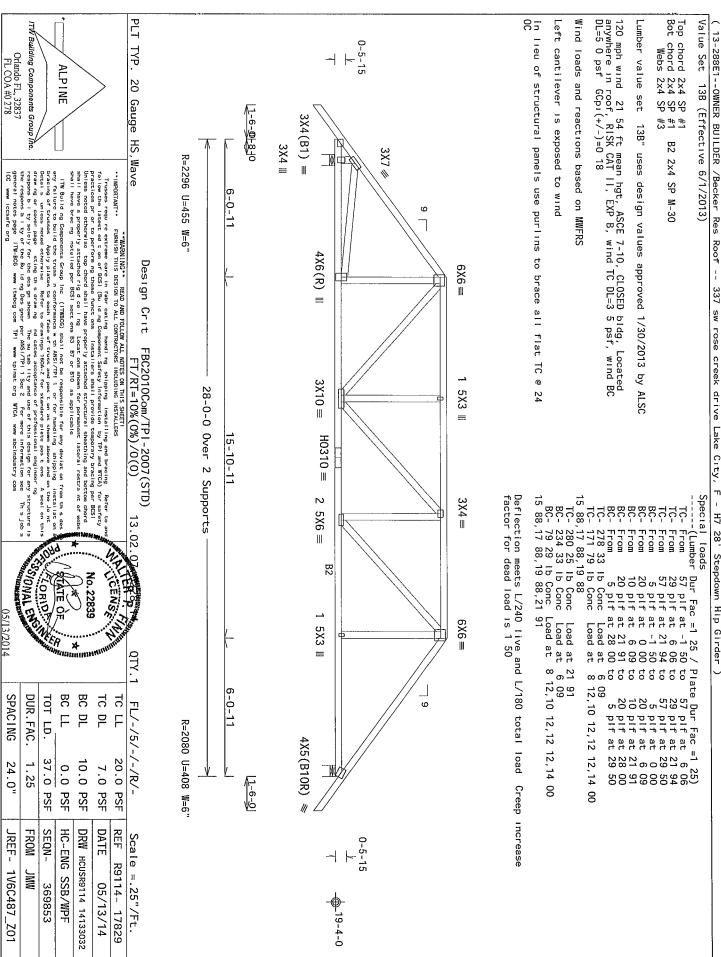
4		~**	in in the	11111111	f4(1).
SPACING	DUR FAC.	TOT.LD.		BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V6C487_Z01	FROM JAW	SEQN- 371394	HC-ENG WHK/WHK	DRW HCUSR9114 14133041	DATE 05/13/14

20.0 PSF

REF

Scale = .1875"/Ft R9114- 17828

Roof --337 sw rose creek drive Lake City, TI I THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR H7 28' Stepdown Hip Girder )



Value Set 13B (Effective 6/1/2013)

( 13-288E1--OWNER BUILDER /Becker Res

Roof --

337

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP **# # \* 1** 

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

(a) Continuous lateral restraint equally spaced on member

8= lieu of structural panels use purlins to brace all flat TC @ 24

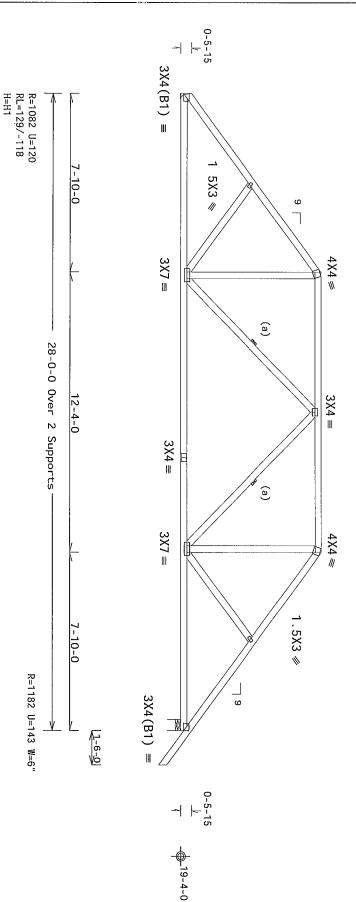
> 120 mph wind, 22 20 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCpi(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 ps psf

Wind loads and reactions based on MWFRS with additional C&C member design

 $H=\mbox{recommended connection}$  based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148"x3 nails into supporting member, (4) 0 148 x3 nails into supported member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

\*\*WORTANT\*\* FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Design Crit

FBC2010Com/TPI-2007 (STD) FT/RT=10%(0%)/0(0)

PLT TYP

Wave

Trusses require extreme care in fabricating handling shipping installing and procing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTGA) for safety practices prior to performing these functions. Installiors shall provide temporary bracing por BCSI will less noted otherwise top chord shall have properly attended if yet certains shall have a properly attended if yet certain to feel when the properly attended in the properly attended in the properly attended to discuss the properly attended in the properly attended to discuss the properly att

responsibility of the Build is see com

ည 02.0 CENS 05/13/2014 \* Remais 7 7 T FL/-/5/-/-/R/-

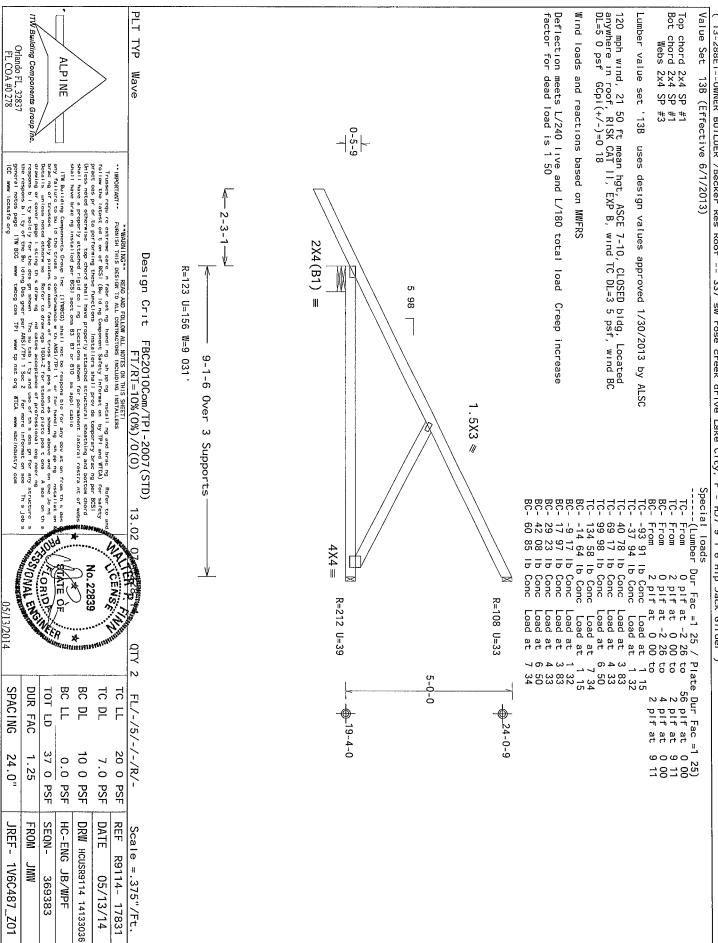
20.0 PSF

REF Scale =.

R9114- 17830

.25" /Ft.

13-288E1--OWNER BUILDER /Becker Res Roof --THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR



Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT TYP 120 mph wind, 21 50 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT iI, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 Wind loads and reactions based on MWFRS Value Set Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Lumber value set "13B' ITN Building Components Group Left cantilever 13-288E1--OWNER BUILDER /Becker Res Roof --Orlando FL, 32837 FL COA #0 278 ALPINE Wave 13B (Effective 6/1/2013) is exposed to wind ### 3 uses design values approved 1/30/2013 by ALSC ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this camp failure to build the truss in conformance with AMSI/TPI 1 or from handing any page installant bracing of trusses. Apply places to each face of truss and position above and on the Join Deta 1s unless noted etherwise. Refer to drawing 180A-Z for standard plate positions. A seal on drawing or cover page 1 sting this drawing and cates acceptance of professional engineering respons bity solely for the data gn shown. The suitabity that they of this data gn shown. The suitabity that the original solely for the data gn shown. The suitabity that the original solely for the data gn shown. The suitabity that the creating formation seed. This justice is the suitabity for the data gn shown. The suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitabity for more information seed. This justice is the suitability for more information seed. The suitability for more information seed the suitability for more information seed. Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI in lates need otherwise top chord shall have properly attended it further attendance of the control **←2-0-1→**21-3-7J "\*WARNING\*" READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS  $2X4(A1) \equiv$ Design Crit 337 sw rose creek drive Lake City R=345 U=143 W=9 031 5X3 Ⅲ 5X3 Ⅲ Creep increase FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0) 9-4-6 Over 5X3 // 3 Supports 98 THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - HJ7A 9 4 6 Hip Jack Girder ) Special loads 73 -37 94 lb Conc 13 58 lb Conc 69 17 lb Conc 74 54 lb Conc 134 58 lb Conc 149 34 lb Conc -9 17 lb Conc -9 17 lb Conc -15 84 lb Conc -15 84 lb Conc 29 23 lb Conc 24 08 lb Conc 24 08 lb Conc loads
Lumber Dur Fac =
from 0 plf at
from 2 plf a
from 3 2 07 3X4 =CENS ORIO ENGIN R=155 U=32 R=107 U=37 ac =1 25 / at 0 00 at 1 0 00 load at l 7 1 40 1 57 4 08 4 58 6 7 59 1 1 40 1 57 1 58 1 4 08 4 58 6 75 7 59 ţο Plate 5-0-0 56 p) 2 p 4 r 2 BC DL TC DL DUR.FAC. TOT LD. SPACING TC LL FL/-/5/-/-/R/-<u></u> ♦ 24-0-9 plf at plf at plf at Fac <u>"</u> =1 25) 0 00 9 37 0 00 9 37 9 37 1.25 37.0 PSF 24.0" 10 0 PSF 20.0 PSF 0 0 PSF 7.0 PSF DATE FROM SEQN-HC-ENG DRW HCUSR9114 14133045 REF JREF-Scale = .375"/Ft. R9114- 17832 1V6C487\_Z01 SSB/WPF 05/13/14 369842

05/13/2014

120 mph wind, 21 54 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=5 0 psf GCpi(+/-)=0 18 Value Lumber value set 뉴 chord chord Webs Wedge 2×4 2×4 2×4 2×4 13B \$\$\$\$ (Effective 6/1/2013) M-30 13B #3 2850f-2 3E W6 2x4 SP #2 Lt Splice Block 2x4 SP uses design values approved T1 2x4 Ş # #3 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS

calculations Conditions may exist that require different connections than indicated Refer to manufacturer publication for additional H = recommended connection based on manufacturer tested capacities and information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 162'x3 5' nails into supporting member, (4) 0 162 x3 5 nails into supported member into supported

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

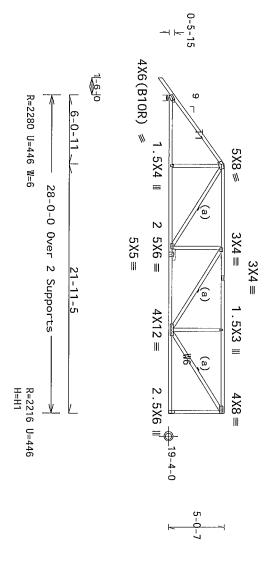
TC- 280 25 lb Conc TC- 171 79 lb Conc 16 12,18 12,20 12,22 1 BC- 291 04 lb Conc BC- 79 29 lb Conc 16 12,18 12,20 12,22 1 Special loads From From From From From Dur Fac =1 25 / 57 plf at -1 50 29 plf at 6 06 29 plf at -1 50 20 plf at 0 00 10 plf at 6 09 10 plf at 6 09 Load Load 12,24 Load a 12,24 Load 25 / Pla -1 50 to -1 50 to -1 50 to 0 00 to 6 09 to ad at 6 ad at 8 24 12,26 ad at 8 1 at 8 1 at 8 Plate 6 09 8 12,10 12,12 12,14 28 12 16 12 6 09 8 12,10 12,12 12,14 1 26 12 57 pi 57 pi 29 p 5 F 20 I plf at Fac <u>"</u> 12,14 28 6 28 6 12

Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting minimum of five times the depth of the supporting unsupported end, unless unsupported chord end has coverage chord is located chord from any 85% plating

(a) Continuous lateral restraint equally spaced 9 member

In lieu of structural panels use purlins to brace all flat TC @ 0C  $\,$ 24"



ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from this carry failure to build the truss in conformance with ANSI/TPI 1 or for handing shipping installations or got trusses. Apply plates to each face of truss and position as shown above and on the Joint Bottails unless moted otherwise. Refer to drawings 160A-Z for standard plate positions is seen on drawing or cover page I sting this drawing indicates acceptance of professional engineering response bit by solely for the design shown. The suitability and use of this design for any structure. Trussos require extreme care in fabricating handing shipping installing and bracing fleter to a follow the latest edition of BCSI (Building Component Safety Information by TPI and MTGA) for safety practices prior to performing these functions. Install lets shall provide temporary bracing per BCSI liniques noted otherwise top chord shall have properly attached structural shoathing and bottom chord shall have a properly attached in discussion of the Component shall have a properly attached in the consistency of the consist IMPORTANT -ty solely for the Bu s b I ty of the Bu tes page ITW BCG \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS see Vo. 22839

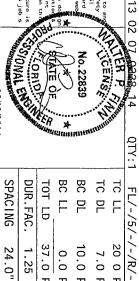
PLT

‡†

Wave

Design Crit

FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)



		-	**16161	ilita.	,-
SPACING	DUR.FAC.	TOT LD	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369544	HC-ENG JB/WPF	DRW HCUSR9114 14133044	DATE 05/13/14

20 0

PSF

REF

Scale = .125"/Ft. R9114- 17833

05/13/2014

13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - MH9 28' Mono H $_{\rm IP}$  )

Bot chord 2x4 SP # Webs 2x4 SP # #1 M-30 #3 В2 2x4 SP #1

Value Set

13B (Effective 6/1/2013)

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

 $\mathsf{H}=\mathsf{recommended}$  connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information

These support conditions used at bearings indicated (H1) = HUS26 w/ (2)2x6 SP SS supporting member (14) 0 148"x3" nails into supporting member, (4) 0 148"x3" nails into supported member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

> 120 mph wind, 22 20 ft mean hgt, ASCE 7-10, within 9 00 ft from roof edge, RISK CAT II, wind BC DL=5 0 psf GCp:(+/-)=0 18 CLOSED bldg, not located EXP B, wind TC DL=3 5 ps psf

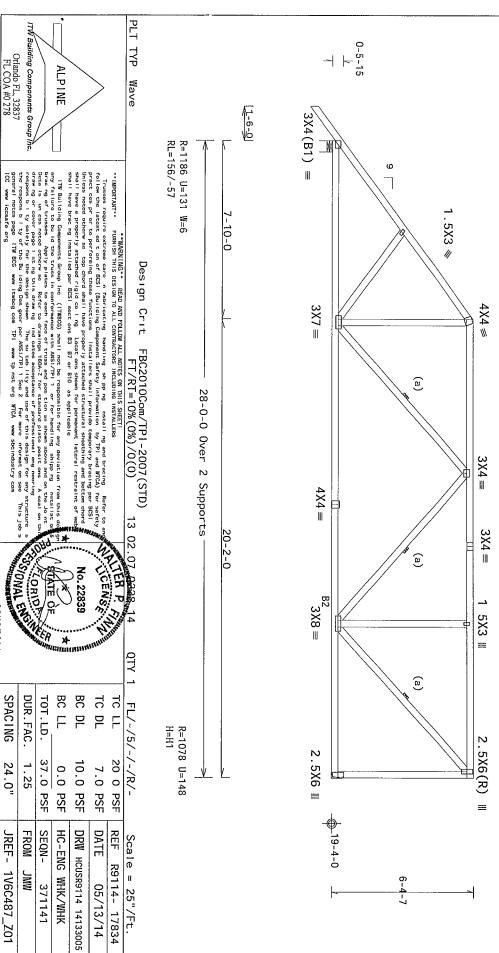
Wind loads and reactions based on MWFRS with additional C&C member

Right end vertical not exposed to wind pressure

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage

(a) Continuous lateral restraint equally spaced on member

In lieu of structural panels use OC purlins to brace all flat TC **®** 24"



TW BCG

05/13/2014

SPACING

24.0"

JREF-

1V6C487\_Z01

( 13-288E1--OWNER BUILDER /Becker Res Roof -- 337 sw rose creek drive Lake City, F - PBD 5'7 8 Common THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Value 13B (Effective \* \* \* 6/1/2013)

Lumber value set "13B uses design values approved 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS with additional C&C member

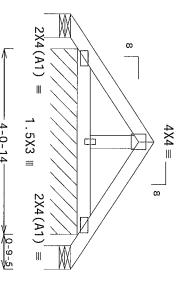
meets L/240 live and L/180 total load dead load is 1 50  $\,$ Creep increase

Refer to DWG PB160100212 for piggyback details

Special loads TC- From TC- From BC- From (Lumber Dur Fac =1 57 plf at 57 plf at 4 plf at 25 / 0 00 2 81 0 00 ' Plate
) to 5
1 to 5
0 to e Dur Fac = 57 plf at 57 plf at 4 plf at 57 57 50 25) 81 62 62

120 mph wind, 29 32 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=2 0 psf GCpi(+/-)=0 18

In lieu of rigid ceiling use purlins to brace BC @ 24"



R=4 Rw=18 U=19 W=6 <u>س</u> 5-7-8 Over 3 2-0-7 R=74 PLF U=27 PLF W=4-0-14 Supports

4 - 0 - 14

R=4 U=1 W=6  $\omega$ 

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

Design Crit

PLT TYP

Wave

RL=31/-31

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the lacest edit on or BSSI (Building Component Safety Information by TP) and MTCA) for safety practices by or to performing these functions. Installing the shall provide temporary bracing per BSSI (Building and bottom clored shall have properly attanded structural shoathing and bottom clored shall have a properly attanded rigid cert ing Locat ones shall have a properly attanded rigid cert ing.

I'W Build ng Components Group Inc. (I'MBGG) shall not be responsible for any deviate or any fallure to build the trues in conformance with AMSI/PPI 1 or for handling shippy and the conformance with AMSI/PPI 1 or for handling shippy and the conformance of the c



05/13/2014

SPACING	DUR.FAC.	TOT.LD	BC LL	BC DL	TC DL
24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369390	HC-ENG JB/WPF	DRW HCUSR9114 14133025	DATE 05/13/14

20.0 PSF

REF Scale

R9114- 17835 =.5"/Ft.

13-288E1--OWNER BUILDER /Becker Res Roof --THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR 337 sw rose creek drive Lake City, F - PBD1 2'8 3 Common Girder)

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 Bot chord 2x4 **8**8 # # 1

Lumber value set '13B" uses design values approved 1/30/2013 by ALSC

desıgn Wind loads and reactions based on MWFRS with additional C&C member

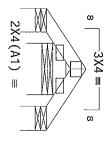
Deflection meets  $L/240\,$  live and  $L/180\,$  total load factor for dead load is 1.50 Creep increase

Refer to DWG PB160100212 for piggyback details



227 25) 1 34 1 68 68

120 mph wind, 29 81 ft mean hgt, ASCE 7-10, CLOSED bldg, Locate anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind DL=2 0 psf GCpi(+/-)=0.18





1-1-9-12-9-5 1-6-13-6-13

2-8-3 Over 3 Supports

R=19 U=10RW40 B410 W=6 31" R=94 U=25 W=13 568'

PLT TYP Wave

Design Crit. FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

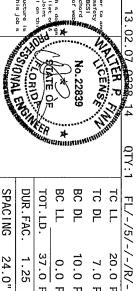
Trusses require extreme care in fabricating bandling at pping installing and bracking Befer to a follow the latest edition of BCSI (Building Component Safety Informat on by TPI and WTCA) for safety pract case prior to performing these functions. Installes shall provide temperary bracing per BCSI bliess noted otherwise top chord shall have properly attached structural sheathing and bettom chord shall have a properly attached structural sheathing the shall have a properly attached structural sheathing the shall have a properly attached rigid ceeling Locations shown for permanent lateral restraint of web shall have a properly attached gird celling Locations shown for permanent lateral restraint of web shall have a properly attached gird celling Locations shown for permanent lateral restraint of web shall have a properly attached per BCSI sections 83 87 or B10 as applicable • IMPORTANT • • \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW But id ing Components Group lie. (ITWBGD) shall not be responsible for any deviation from this delay failure to build the trust in conformance with MSU(TP) representating the pring installate of bracking of trusses. Apply places for consolinate of trusses and page of many places for the about the conformation of the second places are presented as a service of the properties. A for the product place positions A has been the density of cover page it then 8 for the same may 160A.7 for particular places positions on the density of cover page is the second place to the second place positions of the second places are producted by the product of the second places are producted by the response bility of the Build ong Designor per AMSI/TPI 1 Sec 2 for more information see. This job general notes page ITW-BGG www. tubeg com. TPI www.tpinst.org. WTCA www.secindre.com. profess onal engineering
of this des gn for any structure is
or more information see This job s
CA www sbcindustry com

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



5/2014			EFR	**************************************	INIMA	Lannin	A THE STATE OF THE
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	37.0 PSF	0.0 PSF	10.0 PSF	7.0 PSF	20.0 PSF
	JREF- 1V6C487_Z01	FROM JMW	SEQN- 371137	HC-ENG WHK/WHK	DRW HCUSR9114 14133029	DATE 05/13/14	REF R9114- 17836

Scale

=.5"/Ft.

05/1

13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - PBDG 5 7 8 Gable)

Top chord Bot chord Webs Value Set 2x4 SP 2x4 SP 2x4 SP 13B (Effective 6/1/2013) ### ###

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

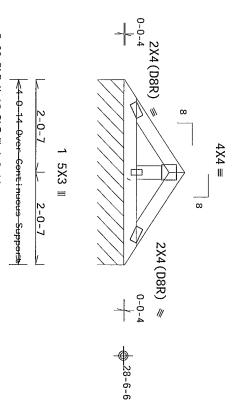
Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

Refer to DWG PB160100212 for piggyback details

anywhere in DL=2 0 psf 20 mph wind, nd, 29 36 ft mean | n roof, RISK CAT | GCp:(+/-)=0 18 n hgt, AS II, EXP ASCE 7-10, XP B, wind TC DL=3 5 psf, wind BC

design Wind loads and reactions based on MWFRS with additional C&C member

See DWGS A12030ENC100212, requirements GBLLETIN0212, & GABRST100212 for more



R=60 PLF U=15 PLF W=4-0-14

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

Design Crit

PLT TYP

Wave

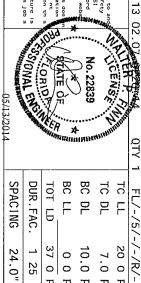
Trussos require extreme care in fabricating handling ahipping installing and bracing. Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI) and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI blickes noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached in 9 Locations shall have a properly attached of 90 color of website have a properly attached of 90 color of website have a properly attached per BCSI sections 83 BT or B10 as applicable. \*!MPORTANT\*\*

ITW But it in grouperents droup inc. (ITWBCD) shall not be respons be for any deviation from this design to find the state of the state

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



2017	*****	SE F	y Summi	num.	unni L	THE .
SPACING	DUR.FAC.	TOT LD	BC LL_	BC DL	TC DL	TC LL
24.0"	1 25	37 0 PSF	0 0 PSF	10.0 PSF	7.0 PSF	20 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369537	HC-ENG WHK/WHK	DRW HCUSR9114 14133004	DATE 05/13/14	REF R9114- 17837

=.5"/Ft

( 13-288E1--OWNER BUILDER /Becker Res Roof --337 sw rose creek drive Lake City THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - PBE 5 2 11 Stepdown Hip )

Top Bot Value t chord 2x4 t chord 2x4 Webs 2x4 Set 13B 888 (Effective 6/1/2013) **# # #** 

Lumber value set 13B uses design values approved 1/30/2013 by ALSC

desıgn Wind loads and reactions based on MWFRS with additional C&C member

In lieu flat TC @ O of structural 24 OC, all panels or rigid ceiling use purlins to brace BC @ 24'  $0\,\mathrm{C}$ <u>a</u> \_

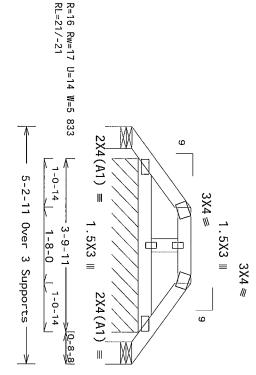
MWFRS loads based 9 trusses located at least 14 52 ft from roof

Refer to DWG PB160100212 for piggyback details

> Special loads 5777 From From (Lumber Dur Fac =1
> 57 pif at
> 57 pif at
> 57 pif at
> 4 pif at 25 / 0 00 1 78 3 45 0 00 4444 Plate e Dur Fac = 57 plf at 57 plf at 57 plf at 57 plf at 4 plf at <u>"</u> ഗഗധച 25) 1 78 1 45 23 23

120 mph wind 29 04 ft mean anywhere in roof, R!SK CAT DL=2 0 psf GCpi(+/-)=0 18 n hgt, ASCE ₹ 7-10, wind , CLOSED TC DL=3 5 5 psf, Located wind BC

Deflection if factor for ( meets L/240 live a and L/180 total load Creep increase





R=16

U=5 W=5

833

R=68 PLF U=12 PLF W=3-9-11 RL=21/-21

Design Crit FBC2010Com/TPI-2007(STD) FT/RT=10%(0%)/0(0)

PLT TYP

Wave

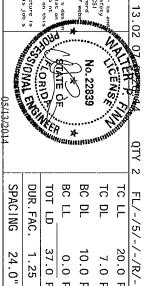
Trusses require extreme care in fabricating bandling at pping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTcA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI libites noted otherwise top chord shall have properly attached structural sheathing and bettem chord shall have a properly attached in gliciations shown for permanent lateral restraint of webs shall have a properly attached in the properly attached to properly attached the properly attached to properly attached the properly attached the properly attached the properly attached the properly attached to properly attached the properly attac IMPORTANT \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!

ITW Building Components Group Inc. (ITMBOD) shall not be responsible for any deviations of any factor trues in conformance with ARSI/PPI I or for handling an polytex fig. of the trues and post on as shown above any byte fig. of the trues and post on as shown above any shall be sufficient from the trues and post on as shown above any shall be sufficient from the trues and post of as shown above any fig. (10-2) for standard plants be sufficient from the fig. (10-2) for the day of the standard plants of any fig. (10-2) for the day of the standard from the standard fr This job s

ITW Building Components Group

ALP I NE

Orlando FL, 32837 FL COA #0 278



37.0 PSF

SEQN-HC-ENG

0.0 PSF

24.0"

JREF-

1V6C487\_Z01

1.25

FROM

10.0 PSF

DRW HCUSR9114 14133047

WHK/WHK 371455

20.0 PSF

REF

R9114- 17838

Scale = 5"/Ft.

7.0 PSF

DATE

05/13/14

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - PBE1 5 2 11 Common )

Value Set ( 13-288E1--OWNER BUILDER /Becker Res 13B (Effective 6/1/2013) Roof --337 sw rose creek drive Lake City,

Top chord 2 Bot chord 2 Webs 2 2x4 SP 2x4 SP 2x4 SP ##1 \*3

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS with additional C&C member design  $\,$ 

Deflection factor for meets dead l \$ L/240 live and load is 1 50 L/180 total load Creep increase

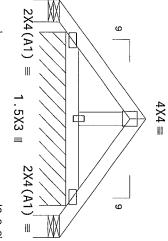
Refer to DWG PB160100212 for piggyback details

> Special loads TC- From TC- From BC- From (Lumber Dur Fac =1
> 57 plf at
> 57 plf at
> 4 plf at 0 2 0 25 00 00 00 00 Plate to to e Dur Fac = 57 pif at 57 pif at 4 pif at 11 1 25) 2 61 5 23 5 23

120 mph wind, 29 35 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=2 0 psf GCpi(+/-)=0 18

In lieu of rigid ceiling use purlins ţ brace ВС @ 24" 8

MWFRS loads based 9 trusses located at least 14 67 ť from roof



R=4 U=1 W=5 833

R=4 Rw=22 RL=33/-33 U=22 W=5 833

5-2-11 Over 3 Supports 1-10-14 3 - 9 - 111-10-14 10-8-8

R=75 PLF U=11 PLF W=3-9-11

Design Crit: FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

PLT

ŢYP

Wave

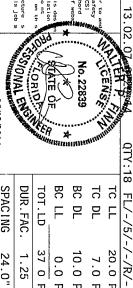
Trusses require extreme care in fabricating handling shipping installing and brucking Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI thinks noted otherwise top chord shall have properly attended structural shoathing and bottom chord shall have a properly attended rigid occiling. Locations shown for permanent lateral restraint of webs shall have a properly attended rigid occiling. IMPORTANT\*\* \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW Building Components Group Inc. (ITWBCD) shall not be responsible for any deviation from this dos base and increased with the trues of conformance with ABSI/TRI 1 passet for hand may shall principle and the second base in a unless an excellent was a factor of the second and the second of the second base in a unless anchord chart was factor of the second and the second and the second case in a unless anchord chart was factor of the second and the second and the second factor of the second page of the second and the second and second and the second and responsible it second page of the Second and the second and second and second and the response bits of the Second and second and second and second and the response bits of the Second and the second and second and second and the response bits of the Second and second and second and second and second and the response bits of the Second and the second and second and

ITW Building Components Group

ALPINE

Orlando FL, 32837 FL COA #0 278



05/13/2014 BC LL BC DL TC DL SPACING DUR.FAC TOT.LD 37 0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF 7.0 PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR9114 14133008 JREF-MM 1V6C487\_Z01 WHK/WHK 371452 05/13/14

20.0 PSF

R9114- 17839

Scale

=.5"/Ft.

13-288E1--OWNER BUILDER /Becker Res Roof ! 337 sw rose creek drive Lake City, THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR F - PBG 3'8"10 Common )

Value Set 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set '13B" uses design values approved 1/30/2013 by ALSC

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50  $\,$ 

Refer to DWG PB160100212 for piggyback details

120 mph wind, 29 02 ft mean anywhere in roof, RISK CAT I DL=2 0 psf GCpi(+/-)=0 18

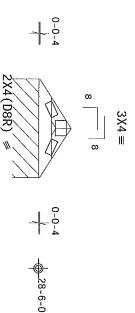
Wind loads and reactions based on MWFRS with additional C&C member design

II, EXP B, v

7-10, wind

CLOSED bidg, 1 TC DL=3 5 psf,

Located , wind BC



2X4 (D8R) ≈

2-2-0 Over Continuous Support 1-1-0 1-1-0

R=60 PLF U=10 PLF W=2-2-0

PLT TYP

Wave

ITW Building Components Group Orlando FL, 32837 FL COA #0 278 ALPINE

> \*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET! Design Crit. FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

Trusses require extreme care in fabricating handling shipping installing and bracing Refer to a follow the latest edition of BCSI (Building Component Safety Information by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI (bliess moted otherwise top chord shall have properly attached right dear ing. Locations shown for permanent lateral restraint of webs shall have a properly attached right dear ing. Locations shown for permanent lateral restraint of webs shall have a properly attached right dear ing. Locations shown for permanent lateral restraint of webs shall have a properly attached right dear ing. IMPORTANT \*\*

I'W Bu id ng Components Group inc. (ITMBCD) shall not be responsible for any deviat on from this deal any failure to build the truss in conformance with MRSI/TPI 1 or for handling shipping inscallation bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details unless noticed otherwise. Refer to drawing is 160A-2 for exchange above and on the Joint drawing or cover page is ting this drawing and cates acceptance of professional ang noming respons to ity solely for the data gn shown. The suitability and use of this destign for any structure is the respons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information see. This job is the caspons to ity of the Building Designer per MRSI/TPI 1 soc. 2 for more information to the per per per MRSI/TPI 1 soc. 2 for more information to the per per per per MRSI/TPI 1 soc. 2 for more information to the per per per per Per MRSI/TPI 1 soc. 2 for more information to the per per per per Per MRSI/TPI 1 soc. 2 for more information to the per per per per per Per MRSI/TPI 1 soc. 2 for more information t

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05/13/2

13 02.07 CENSE NONAL ENGIN No. 22839 CORIO! TATE OF TC LL FL/-/5/-/-/R/-

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SPACING	DUR.FAC.	TOT.LD	BC LT	BC DL	TC DL
24.0"	1.25	37 0 PSF	0.0 PSF	10.0 PSF	7.0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 369621	HC-ENG JB/WPF	DRW HCUSR9114 14133016	DATE 05/13/14

20.0 PSF

REF

R9114- 17840

Scale =.5"/Ft.

sw rose creek drive Lake City TI I THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR PBG1 3  $8^{\circ}$  10 Common )

Value Set 13B (Effective 6/1/2013)

13-288E1--OWNER BUILDER /Becker Res

Roof

ŀ 337

Top chord 2x4 SP #1 Bot chord 2x4 SP #1

Lumber value set '13B uses design values approved 1/30/2013 by ALSC

Wind loads and reactions based on MWFRS with additional C&C member

Deflection meets L/240 live and L/180 total load factor for dead load is 1 50  $\,$ Creep increase

Refer to DWG PB160100212 for piggyback details

> Special loads TC- From
> TC- From
> BC- From Lumber Dur Fac =1
> 57 plf at
> 57 plf at
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> ) to 5
> 6 to 5 e Dur Fac = 57 plf at 57 plf at 4 plf at <u>"</u> **ωω** .... 25) 1 86 1 72 72

120 mph wind 28 97 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3 5 psf, wind BC DL=2 0 psf GCpi(+/-)=0 18

2X4(A1) œ |||2X4(A1) =ω

3X4 ≡

1-1-0 1-1-0 2-2-0-10-9-51

> R=17 U=8 W=6 ω

R=17 Rw=19 U=8 W=6 31'

< 3-8-10 Over 3 Supports>

R=74 PLF U=22 PLF W=2-2-0

Design Crit FBC2010Com/TP1-2007(STD) FT/RT=10%(0%)/0(0)

PLT

ΤYP

Wave

ITW Ballding Components Group ALPINE

Orlando FL, 32837 FL COA #0 278

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design of trustees and the treatment of the component of the c t structure s
This job s

02 OFFER SPIN Vo. 22839 TATE OF KORIO! Ten len 05/13/20 719 ω TC LL FL/-/5/-/-/R/-

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SPACING	DUR FAC.	TOT LD	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	37 0 PSF	0 0 PSF	10.0 PSF	7.0 PSF	20 0 PSF
JREF- 1V6C487_Z01	FROM JMW	SEQN- 371128	HC-ENG WHK/WHK	DRW HCUSR9114 14133038	DATE 05/13/14	REF R9114- 17841

Scale =.5"/Ft.

## Reinforcing

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired

#### Notes

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to  $T\mbox{-reinforcement}$  or L-reinforecement or scab reinforcement

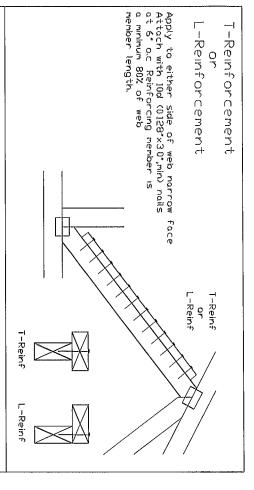
Alternative reinforcement specified in chart below may be conservative for minimum alternative reinforcement, re-run design with appropriate reinforcement type

ルール×の(米)	NX O	N 70*8	e ×⊗
1-2×8	₽×6	1 row	8×S
ピーピ×4(米)	ex6	≥ rows	2x6
1-2×6	P×.₄	I row	2×5
ピーピ×4	2x6	≥ rows	2×3 or 2×4
1-2×4	2×4	1 row	2×3 or 2×4
Scab Reinf	T- or L- Reinf	Restraint	Sze
1+ orecement	Alternative Keintorenenent	Specified CLX	₹00 M03007

I-reinforcement, L-reinforcement, or scab reinforcement to be species and grade or better than web member unless specified otherwise on Engineer's sea ed design. Same

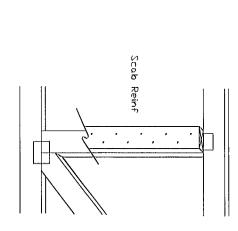
 $\Re$ face of web Center scab on wide face of web Apply (1) scab to each

# Member Substitution



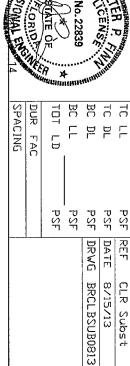
## Scab Reinforcement

Apply scab(s) to wide face of web. No more than (1) scab per face Attach with 10d (0128"x30",min) nails at 5" o.c. Reinforcing member is a minimum 80% of web member length.





Earth City MO 63045



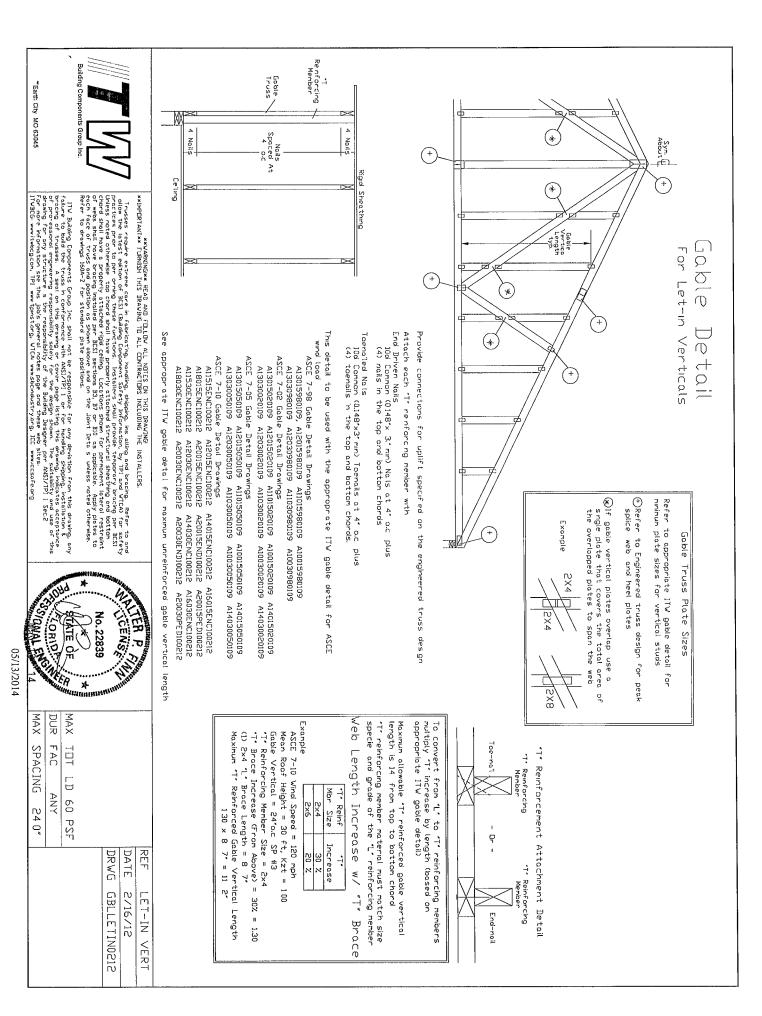
## ASCE 7-10 120 mph Gable Stud Reinforcement Detail Wind Speed, 15' Mean Height, Enclosed, Exposure 100 mph Vind Speed 15 Mean Height Partially Enclosed, Exposure C Kzt = 100 100 mph Vind Speed 15 Mean Height Enclosed Exposure D Kzt = 1.00 ث XZt П 100

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Earth City MO 63045	g Compone	Diagonal iorace op- vertical length na doubled when diago- orace is used Co- diagonal brace for if each end. Max total length is 14  Vertical len in table abo midpoint of	1	2"	(	) C	-		16	//	0	C		2	4"	,	0	C		Bursads Spacing	<u>.</u>
MO 63045	nts Group Inc.	Diagonal brace options vertical length may be doubled when diagonal brace is used Connect diagonal brace for 335# at each end. Nax web total length is 14  Vertical length shown in table above  Connect diagonal of mobabilit of vertical web		<u></u>	<u></u>		(/) T	   		$\sim$	=	<u> </u>	クロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロロ	<u></u>	j (	ー ク ロ	I	<u>- (</u>	700	Species   Species	2×4
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	but 2X4	less than 11 6"
	1X4 or 2X3	an 4 0"
	minimum of 80% of web	"L" bracing must be a min member length.
	between z	8" end zones and
-	space nails at 3° o.c	in 18" end zones and
	space nails at 2" o.c	Attach "L" braces with 18 ** For (1) "L" brace: sp
	ues based or ruling	nber design ) January 2
	ad from 4 0° outlookers or 12° plywood overhang.	Gable end supports load with 2'0' overhang, or
	ns for 35 plf over psf TC Dead Load).	C tio
		lection or
	Boards (	istral 45 Stres
	ss-Rated Boo	. 2
	Southern Pine*** #1 #2	Dougles Fir-Lerch
	Btr	#1 & Bt
	₩	Group
	Southern Pine*** #3 Stud Stud Standard	Douglas Fir-Larch #3 Stud Standard
	Hen-Fir	Spruce-Pine-Fir #1 / #2   Standard #3   Stud
	ies and Grades.	Bracing Group Species

r to the Building Designer for conditions addressed by this detail	peak, splice, and heel plates.	· Refer to common truss design for	Greater than 11 6'	less than 11 6"	Greater than 4, 0, but	Less than 4 0°
for condition	lates.	design for	2.5X4		274	1X4 or 2X3
šІ	<u></u>				_	_

MAX SPACING 240" 60 PSF REF DRWG A12015ENC100212 DATE 2/14/12 ASCE7-10-GAB12015



### Common Residential 7 - 10Gable 120 , ydw End Wind 30, Mean Height, Bracing Requirements Closed, Exposure į Stiffeners $\bigcap$

120 mph, 30ft Mean Hgt, ASCE 7-10, Enclosed, Exp C, or 100 mph, 30ft Mean Hgt, ASCE 7-10, Enclosed, Exp D or 100 mph, 30ft Mean Hgt, ASCE 7-10, Part Enclosed, Exp C, Kzt = 100 Wind TC DL=50 psf, Wind BC DL=50 psf

II II

Lateral chord bracing requirements Top Continuous roof sheathing Bot Continuous ceiling diaphragm

See Engineer's sealed design referencing this detail for lumber, plates and other information not shown on this detail

Nails 10d box or gun (0128"x3",min) hails

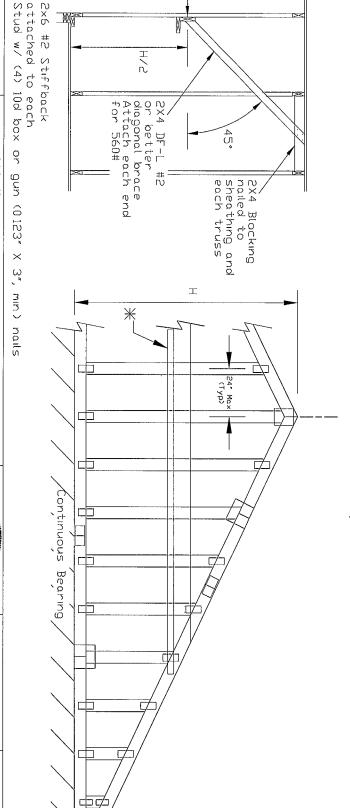
Less than 4'6" no stud bracing required

Greater than 4'6" to 7'6" in length provide a 2x6 stiffback at mid-height and brace stiffback to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC100212)

Greater than 7'6" to 12'0" max provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0" (see detail below or refer to DRWG A12030ENC100212)

I

 $\times$  Optional 2x L-reinforcement attached to stiffback with 10d box or gun (0.128"  $\times$  3", min ) nails @ 6" oc





Earth City MO 63045

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING THE INSTALLERS.

Trusses require extreme core in fabricating, handling, shipping, installing and bracing. Refer to and practices prior to performing these functions. Installers shall provide temporary bracing per BCSI, thinking Component to ety Information, by IPI and VIICIA for safety bhases noted otherwise top Chard shall have properly attached structural sheathing and dotton chard shall have a properly attached shall have because the sheathing and dotton of webs shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have oracing installed per BCSI sections 33, 37 or BIJ, as applicable, Apply plates to each accept truss and position as shown above and on the Johnt Details unless noted otherwise.

ITV Building components Group Inc. shall not be responsible or any deviation from this drawing any followers to baild the truss in conformance with NSU/PPI or for handling, shipping, creatalistics 8 oracling of trusses. A seal on this drawing or colly rape likting them. The sub-billy conformation of the proprietable of professional engineering responsibility safety for the design shown. The sub-billy conformation for any structure is the responsibility of the Building Designer for ANSI/PPI Sec.2. For more information see this job's general notes apps and these web sites:

ITVBCG www.itvbcg.con; TPI; www.tpinstorg, VTCA www.sbcmdustry.org, ICC www.iccsafe.org



 $\exists$ 

SPACING

OT LD 60 PSF			
60			
7Sd			
	DRWG	DATE	REF
	DRWG GABRST100212	2/14/12	GE WHALER

## Piggyback 160 mph Wind 3000 ft Mean Hgt ASCE 7-10 Enclosed Bldg located anywhere in roof Exp C Wind DL= 50 psf (min) Kzt=10 Dr 140 mph wnd 3000 ft Mean Hgt ASCE 7-10 Enclosed Bldg located anywhere n roof Exp D wind DL= 5.0 psf (mn) Kzt=10 Detail | ASCE $\vee$ '-109 , Z Z Z Z 8 M P P P P Height, Enclosed, Exposure $\bigcirc$ Kzt= :1 00

Nate Top chands of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record s provide diagonal bracing or any other suitable ancharage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends

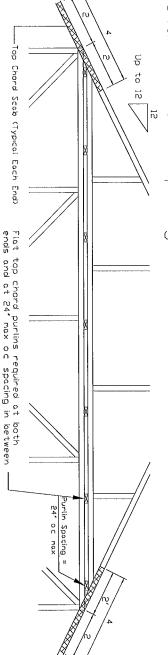
Maximum truss spacing is 24° oc detal s not applicable if cap supports additional loads such as cupola steeple chimney or drag strut loads

for piggyback and base truss specifications

## Detail $\supset$ T 2 7 7 Spacing П Ω 4. O $\cap$ 9 SSO

\*\* Refer

to Engineer's seoled truss design drawing



Pggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0135'x35') and secure top chord with 2x4 #3 grode scab (1 side only at each end) attached with 2 rows of 10d box nails (0128'x3') at 4" o.c

Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135'x3.5')

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3x8 Truiox plate attached with (8) 0,120\*,1375\* nails (4) into cap TC & (4) into base truss TC or (1) 28P3 wave piggyback plate to the base truss TC with (4) 0,120\*x1.375\* nails Note Nailing thru holes of wave plate is acceptable

#### Detail W P 47 | 7 Spacing N 4 O $\cap$

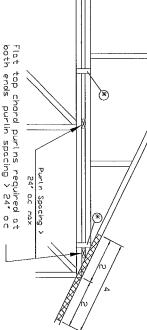
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Pigyback cap truss stant nailed to all top chord purlin bracing with (2) 16d bax nails (0135×357) and secure to chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d bax nails (0128\*37) at 4° oc

Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0135\* $\times$ 35")



\* In addition
with one of provide connection the following methods

Inulax plates for 2x4 chard member ar 3X8 Trulax plates for 2x6 and larger chard 3X10 Trulax plates for 2x6 and larger chard members Attach to each face @ 8 or with (4) 0.120'x1375' nails into cap bottom chard and (4) in base truss top chard Trulax plates may be staggered 4 oc front to back faces.

APA Rated Gusset

8'x8'x7/16' (min) APA rated sheathing gussets
(each face) Attach @ 8 o.c with (8) 6d common
(0.113'x2') nalls per gusset (4) in cop bottom
chard and (4) in base truss top chard Gussets
may be staggered 4 or front to back faces

Iz4 Vertical Scabs

Ex4 Vertical Scabs

Attach @ 8 o.c with (6) 10d box noils (0128°x3°)

per scab (3) in cap bottom chard and (3) in

base truss top chard. Scabs may be staggered

4 o.c front to back faces In 28PB wave pigpyback plate to each face 8 8 or Attach testh to supporting truss with (4) 01207x1375 racils per face per ply 20 01207x1375 racils per face per ply pgyback plates may be staggered 4 oc from 1987 because the plate of the property of the pr Wave Piggyback Plate 앜

\*\*VARRUNG!\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING.
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Note If purlins or sheathing are not specified on the flat top of the base truss purlins must be installed at 24" oc max and use Detail A

Top Chord Scab (Typical Each End)

Chord Depth

Earth City MO 63045

Trusses require extreme care in fabricating, handling, shaping, installing and bracing. Refer to and Fallow the latest edition of ESIS Juliding Component Sufety Information, by 171 and VTCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI bulless noted otherwise too chard shall have properly attached structural shape stratething and batton chard shall have a properly attached rigid calling. Locations shawn for permanent lateral restricts when shall have bracing installed per BCSI sections 33, 17 or 130, as applicable. Apply plates to each face of trusts and position as shall not an are add on the John Details, unless noted otherwise.

ITV Building Components Group Inc. shall not be responsible for any lewation from this drawing, any failure to build the thuss in comformance with ARSI/TPI 10 of for handling, shipping, installation is bracing of trusses. A seel on this drawing or cover page listing this drawing, indicates acceptance or professional engineering responsibility solely for the design shown. The sufficiality and use of this prowing for any structure is the responsibility of the Building shown the SURINI 1 Sec.2 forward for the structure is the responsibility of the Building shown the SURINI 1 Sec.2 10 Common through the structure is the proposal of the surface of information see this jobs Spineral notes page and these we's sites.

PER P. S No. 22839 (ORION inimining)

> REF DATE 2/14/12 PIGGYBACK

front

DW WG PB160100212

SPACING

240°